

International Trade Fair for the Plastics and Rubber Industries

20 - 23 September 2023

Bangkok International Trade & Exhibition Centre (BITEC) Bangkok, Thailand

www.tplas.com

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We wish to participate as:	tor 🗖 Co-	exhibitor	ofCompany's name	(Co-exhibitor charges S\$600.00)	
Registered company name:			1 5	(
Address:					
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Tel: Fax:		Email:			
Contact Person:		Job Titl	e:		
 Space Only (min 18 sqm) S\$ 520.00 per sqm sqm (m xm) Basic Shell Scheme Package (min 12 sqm) 	S\$		1 3		
S\$ 620.00 per sqm sqm (m xm) □ Enhanced Shell Scheme Package (min 12 sqm) S\$ 720.00 per sqm sqm (m xm)	S\$ S\$		Tel: Fax: Email:		
sqm (m xm) □ Enhanced Shell Scheme Package (min 12 sqm) S\$ 720.00 per sqm			Tel: Fax: Email: Contact Person: Please list the cod	es ts in Form A2) of products	

admission and the balance of 75% by 31 May 2023.

listed in the catalogue

In submitting this space application form, the exhibitor agrees to all points of the Conditions of Participation of Messe Düsseldorf Asia (MDA) confirm to have received them. Failing other arrangements subject to the prior consent of MDA, place of jurisdiction (venue) is Singapore or, at the discretion of MDA, the registered office of the exhibitor. This also applies to complaints arising from cheques or drafts.

		To be completed by Organizer
Company stamp and legally binding signature	Date	Stand Allocated : Area:
Newson Calman		Dimensions:

A

List of Exhibits

Please indicate on Form A1

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1.1.119	Styrene multipolymers
1.1.120	Styrene polymerblends
1.1.118	Styrene/acrylnitrile copolymers (SAN)
1.1.117	Styrene/butadiene copolymers (SB)
1.1.116	Styrene/Butadiene-Blockcopolymer
1.1.115	Styrene/Ë-methylstyrene copolymers
	(S/ËMS)
1.1.122	Terlux M-ABS
1.1.124	Tetrafluorethylen/Perfluorpropylen-
	Copolymere (FEP)
1.1.123	Tetrafluorethylen/
	Perfluoralkylvinylether-Copolymere
	(PFA)
1.1.30	Wood-flour-filled polypropylene
	(WD-PP)
1.2	Thermoplastische Elastomere
1.2.1	Olefin-Copolymere (EP(D)M)
1.2.2	Polyamide 12-elastomer
1.2.3	Polyether block amide
1.2.4	Polyetherester elastomers
1.2.5	Polyisocyanate
1.2.6	PUR-Elastomers
1.2.7	SBS-Teleblockpolymer
1.2.9	SEBS-Blockcopolymer
1.2.8	Thermoplastische PUR-elastomer
1.2.10	TPV-thermoplastic vulcanised
	material
1.3	Resins and compounds
1.3.20	Artificial horn (CS)
1.3.1	Bulk moulding compounds (BMC)
1.3.11	Casting resins
1.3.2	Coumarone resins
1.3.19	Cresylic resins
1.3.3	Dough moulding compounds (DMC)
1.3.6	Encapsulating compounds
1.3.9	EP-Prepregs
1.3.7	Epoxy resins (EP)
1.3.8	Epoxy resins moulding
1 2 10	compounds (EP) Furane resins
1.3.10 1.3.15	High performance composite
1.5.15	materials as semi-finished ware,
	adhesive films, primer
1.3.5	High-grade-resins
1.3.16	Hybrid-Polymer
1.3.10	Hybrid-Polymer, inorganicorganic
1.3.17	Ketone resins
1.3.21	Maleic resins
1.3.21	Melamine resins fibres
1.3.23	Melamine/formaldehyde resin
1.5.25	moulding compounds
1.3.22	Melamine/formaldehyde resins (MF)
1.3.24	Melamine/phenol/formaldehyde
1.5.21	moulding compounds (MPF)
1.3.25	Melamine/polyester moulding
	compounds
1.3.27	Methacrylat binders for polymer
	concrete
1.3.28	Methacrylat resins for polymer
	concrete
1.3.30	Phenol/formaldehyde resin
	moulding compounds (PF)
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1. Raw materials, auxiliaries

1. KdW II	laterials, auxiliaries
1.1	Thermoplastics
1.1.1	Acetal homo and copolymers (POM)
1.1.2	Acetal polymerblends
1.1.3	Acrylic glass (s. PMMA)
1.1.5	Acrylonitrile/butadiene/styrene
1.1.5	copolymers
1.1.4	Acrylonitrile/butadiene/
1.1.4	styrene polymerblends
1.1.6	Acrylonitrile/styrene/acrylic ester
1.1.0	copolymerblends
1.1.7	Acrylonitrile/styrene/acrylic ester
1.1./	copolymers (ASA)
1 1 0	Aromatic polyesters
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1.1.9 1.1.10	Barrier plastics
	Biologically degredable plastics
1.1.12	Cellulose acetate butyrate (CAB)
1.1.11	Cellulose acetate, secondary (CA)
1.1.13	Cellulose nitrate (CN)
1.1.14	Cellulose propionate (CP)
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	copolymers (E/CTFE)
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1.1.24	Ethylene/methylene acrylate
	copolymers (E/MA)
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	copolymers (E/TFE)
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1.1.27	Ethylene/vinyl alcohol copolymers
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1.1.31	Ionomers
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1.1.42	Polyamid-Copolymer PA 66-6
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1.1.111	Prepregs, thermoplastic
1.1.112	Reclaimed material
1.1.113	Record compounds
1.1.19	Self-reinforcing plastics
	(LCP=liquid crytal polymers)

Please indicate on Form A1

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1.3.31	Polydiallyl phthalate (PDAP)
1.3.33	Polyester resin moulding compounds
1.3.34	Polyester resin prepregs
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1.3.36	Polyetherimide resins
1.3.37	Polyimide resins
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1.3.4	Thermoset
1.3.13	Urea/formaldehyde resin moulding
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1.3.12	Urea/formaldehyde resins
1.3.46	Vinyl ester resins
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1.4	Foams and intermediates
1.4.25	Closed cell foam rubber
1.4.1	Epoxy resin foams (EP)
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1.4.3	Isocyanurate resins
1.4.4	Melamine/formaldehyde foams (MF)
1.4.5	Phenol/formaldehyde foams (PF)
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1.4.9	Polyetherpolyols
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	(PMMA)
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	(PPE)
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	rigid structural foams-RIM-systems
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1.5.6	Chlorinebutyl Rubber
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	ETER)
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	(EPDM)
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1.5.23	Silicone rubber 2-componemtic,
	liquid, incl. auxiliaries
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1 5 25	Silicone rubber room temperature
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162	Aramida fibras
1.6.2	Aramide fibres
1.6.5	Carbon fibres (CF)
	Carbon fibres (CF) Cellulose fibres (Viscose-, Acetate
1.6.5 1.6.3	Carbon fibres (CF) Cellulose fibres (Viscose-, Acetate fibres)
1.6.5	Carbon fibres (CF) Cellulose fibres (Viscose-, Acetate fibres) Hybrid fibre reinforcings (s. UP- and
1.6.5 1.6.3 1.6.4	Carbon fibres (CF) Cellulose fibres (Viscose-, Acetate fibres) Hybrid fibre reinforcings (s. UP- and EP-resins)
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1.6.5 1.6.3 1.6.4 1.6.6	Carbon fibres (CF) Cellulose fibres (Viscose-, Acetate fibres) Hybrid fibre reinforcings (s. UP- and EP-resins) Polyamide fibres Polyester fibres
1.6.5 1.6.3 1.6.4 1.6.6 1.6.7 1.6.8	Carbon fibres (CF) Cellulose fibres (Viscose-, Acetate fibres) Hybrid fibre reinforcings (s. UP- and EP-resins) Polyamide fibres Polyester fibres Polypropylene fibres
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1.6.5 1.6.3 1.6.4 1.6.6 1.6.7 1.6.8 1.6.9 1.6.10 1.6.11 1.6.12 1.6.13 1.7 1.7.1	Carbon fibres (CF) Cellulose fibres (Viscose-, Acetate fibres) Hybrid fibre reinforcings (s. UP- and EP-resins) Polyamide fibres Polyester fibres Polypropylene fibres Polypropylene fibres Polyurethane fibres Polyvinyl alcohol fibres Polyvinyl alcohol fibres Polyvinyl chloride fibres Vinylidene chloride/vinyl chloride copolymer fibres Coating compounds Atactic olefin polymers
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1.6.5 1.6.3 1.6.4 1.6.6 1.6.7 1.6.8 1.6.9 1.6.10 1.6.11 1.6.12 1.6.13 1.7 1.7.1 1.7.2 1.7.3 1.7.4	Carbon fibres (CF) Cellulose fibres (Viscose-, Acetate fibres) Hybrid fibre reinforcings (s. UP- and EP-resins) Polyamide fibres Polyester fibres Polypropylene fibres Polypropylene fibres Polyurethane fibres Polyvinyl alcohol fibres Polyvinyl alcohol fibres Polyvinyl chloride fibres Vinylidene chloride/vinyl chloride copolymer fibres Coating compounds Atactic olefin polymers Bitumen blends Epoxy resins (EP) Ethylene/acrylate copolymers (EA)
1.6.5 1.6.3 1.6.4 1.6.6 1.6.7 1.6.8 1.6.9 1.6.10 1.6.11 1.6.12 1.6.13 1.7 1.7.1 1.7.2 1.7.3	Carbon fibres (CF) Cellulose fibres (Viscose-, Acetate fibres) Hybrid fibre reinforcings (s. UP- and EP-resins) Polyamide fibres Polyester fibres Polypropylene fibres Polypropylene fibres Polyurethane fibres Polyvinyl alcohol fibres Polyvinyl alcohol fibres Polyvinyl chloride fibres Vinylidene chloride/vinyl chloride copolymer fibres Coating compounds Atactic olefin polymers Bitumen blends Epoxy resins (EP) Ethylene/acrylate copolymers (EA) Ethylene/acrylic acid copolymers
1.6.5 1.6.3 1.6.4 1.6.6 1.6.7 1.6.8 1.6.9 1.6.10 1.6.11 1.6.12 1.6.13 1.7 1.7.1 1.7.2 1.7.3 1.7.4 1.7.5	Carbon fibres (CF) Cellulose fibres (Viscose-, Acetate fibres) Hybrid fibre reinforcings (s. UP- and EP-resins) Polyamide fibres Polyester fibres Polystyrene fibres Polyurethane fibres Polyurethane fibres Polyvinyl alcohol fibres Polyvinyl alcohol fibres Polyvinyl chloride fibres Vinylidene chloride/vinyl chloride copolymer fibres Coating compounds Atactic olefin polymers Bitumen blends Epoxy resins (EP) Ethylene/acrylate copolymers (EA) Ethylene/acrylic acid copolymers (EAA)
1.6.5 1.6.3 1.6.4 1.6.6 1.6.7 1.6.8 1.6.9 1.6.10 1.6.11 1.6.12 1.6.13 1.7 1.7.1 1.7.2 1.7.3 1.7.4 1.7.5 1.7.6	Carbon fibres (CF) Cellulose fibres (Viscose-, Acetate fibres) Hybrid fibre reinforcings (s. UP- and EP-resins) Polyamide fibres Polyester fibres Polypropylene fibres Polypropylene fibres Polyurethane fibres Polyvinyl alcohol fibres Polyvinyl alcohol fibres Polyvinyl chloride fibres Vinylidene chloride/vinyl chloride copolymer fibres Coating compounds Atactic olefin polymers Bitumen blends Epoxy resins (EP) Ethylene/acrylate copolymers (EA) Ethylene/Acrylic acid copolymers (EAA) Ethylene/VAC-copolymers (E/VA)
1.6.5 1.6.3 1.6.4 1.6.6 1.6.7 1.6.8 1.6.9 1.6.10 1.6.11 1.6.12 1.6.13 1.7 1.7.1 1.7.2 1.7.3 1.7.4 1.7.5 1.7.6 1.7.7	Carbon fibres (CF) Cellulose fibres (Viscose-, Acetate fibres) Hybrid fibre reinforcings (s. UP- and EP-resins) Polyamide fibres Polyester fibres Polypropylene fibres Polypropylene fibres Polyurethane fibres Polyvinyl alcohol fibres Polyvinyl alcohol fibres Polyvinyl chloride fibres Vinylidene chloride/vinyl chloride copolymer fibres Coating compounds Atactic olefin polymers Bitumen blends Epoxy resins (EP) Ethylene/acrylate copolymers (EA) Ethylene/VAC-copolymers (E/VA) Furane resins
1.6.5 1.6.3 1.6.4 1.6.6 1.6.7 1.6.8 1.6.9 1.6.10 1.6.11 1.6.12 1.6.13 1.7 1.7.1 1.7.2 1.7.3 1.7.4 1.7.5 1.7.6 1.7.7 1.7.8	Carbon fibres (CF) Cellulose fibres (Viscose-, Acetate fibres) Hybrid fibre reinforcings (s. UP- and EP-resins) Polyamide fibres Polyester fibres Polystyrene fibres Polyytyrene fibres Polyurethane fibres Polyvinyl alcohol fibres Polyvinyl alcohol fibres Polyvinyl chloride fibres Vinylidene chloride/vinyl chloride copolymer fibres Coating compounds Atactic olefin polymers Bitumen blends Epoxy resins (EP) Ethylene/acrylate copolymers (EA) Ethylene/acrylate copolymers (EAA) Ethylene/VAC-copolymers (E/VA) Furane resins Isocyanate resins
1.6.5 1.6.3 1.6.4 1.6.6 1.6.7 1.6.8 1.6.9 1.6.10 1.6.11 1.6.12 1.6.13 1.7 1.7.1 1.7.2 1.7.3 1.7.4 1.7.5 1.7.6 1.7.7 1.7.8 1.7.9	Carbon fibres (CF) Cellulose fibres (Viscose-, Acetate fibres) Hybrid fibre reinforcings (s. UP- and EP-resins) Polyamide fibres Polyester fibres Polyester fibres Polyyropylene fibres Polyyropylene fibres Polyvinyl alcohol fibres Polyvinyl alcohol fibres Polyvinyl chloride fibres Vinylidene chloride/vinyl chloride copolymer fibres Coating compounds Atactic olefin polymers Bitumen blends Epoxy resins (EP) Ethylene/acrylate copolymers (EA) Ethylene/VAC-copolymers (E/VA) Furane resins Isocyanate resins Modified phenolic resins
1.6.5 1.6.3 1.6.4 1.6.6 1.6.7 1.6.8 1.6.9 1.6.10 1.6.11 1.6.12 1.6.13 1.7 1.7.1 1.7.2 1.7.3 1.7.4 1.7.5 1.7.6 1.7.7 1.7.8 1.7.9 1.7.10	Carbon fibres (CF) Cellulose fibres (Viscose-, Acetate fibres) Hybrid fibre reinforcings (s. UP- and EP-resins) Polyamide fibres Polyester fibres Polyester fibres Polyyrene fibres Polyurethane fibres Polyvinyl alcohol fibres Polyvinyl alcohol fibres Polyvinyl chloride fibres Vinylidene chloride/vinyl chloride copolymer fibres Coating compounds Atactic olefin polymers Bitumen blends Epoxy resins (EP) Ethylene/acrylate copolymers (EA) Ethylene/Acc-copolymers (E/VA) Furane resins Isocyanate resins Modified phenolic resins Polyvinyl acetate (PVAC)
1.6.5 1.6.3 1.6.4 1.6.6 1.6.7 1.6.8 1.6.9 1.6.10 1.6.11 1.6.12 1.6.13 1.7 1.7.1 1.7.2 1.7.3 1.7.4 1.7.5 1.7.6 1.7.7 1.7.8 1.7.9	Carbon fibres (CF) Cellulose fibres (Viscose-, Acetate fibres) Hybrid fibre reinforcings (s. UP- and EP-resins) Polyamide fibres Polyester fibres Polyester fibres Polyyropylene fibres Polyyropylene fibres Polyvinyl alcohol fibres Polyvinyl alcohol fibres Polyvinyl chloride fibres Vinylidene chloride/vinyl chloride copolymer fibres Coating compounds Atactic olefin polymers Bitumen blends Epoxy resins (EP) Ethylene/acrylate copolymers (EA) Ethylene/Acrylate copolymers (EAA) Ethylene/VAC-copolymers (E/VA) Furane resins Isocyanate resins Modified phenolic resins Polyvinyl acetate (PVAC) Silicone elastomers (LSR a.RTV 2K)
1.6.5 1.6.3 1.6.4 1.6.6 1.6.7 1.6.8 1.6.9 1.6.10 1.6.11 1.6.12 1.6.13 1.7 1.7.1 1.7.2 1.7.3 1.7.4 1.7.5 1.7.6 1.7.7 1.7.8 1.7.9 1.7.10 1.7.11	Carbon fibres (CF) Cellulose fibres (Viscose-, Acetate fibres) Hybrid fibre reinforcings (s. UP- and EP-resins) Polyamide fibres Polyester fibres Polyester fibres Polyyropylene fibres Polyyropylene fibres Polyvinyl alcohol fibres Polyvinyl alcohol fibres Polyvinyl alcohol fibres Polyvinyl chloride fibres Vinylidene chloride/vinyl chloride copolymer fibres Coating compounds Atactic olefin polymers Bitumen blends Epoxy resins (EP) Ethylene/acrylate copolymers (EA) Ethylene/acrylate copolymers (EA) Ethylene/AcC-copolymers (E/VA) Furane resins Isocyanate resins Modified phenolic resins Polyvinyl acetate (PVAC) Silicone elastomers (LSR a.RTV 2K) incl. auxiliaries
1.6.5 1.6.3 1.6.4 1.6.6 1.6.7 1.6.8 1.6.9 1.6.10 1.6.11 1.6.12 1.6.13 1.7 1.7.1 1.7.2 1.7.3 1.7.4 1.7.5 1.7.6 1.7.7 1.7.8 1.7.9 1.7.10	Carbon fibres (CF) Cellulose fibres (Viscose-, Acetate fibres) Hybrid fibre reinforcings (s. UP- and EP-resins) Polyamide fibres Polyester fibres Polyester fibres Polyyropylene fibres Polyyropylene fibres Polyvinyl alcohol fibres Polyvinyl alcohol fibres Polyvinyl chloride fibres Vinylidene chloride/vinyl chloride copolymer fibres Coating compounds Atactic olefin polymers Bitumen blends Epoxy resins (EP) Ethylene/acrylate copolymers (EA) Ethylene/Acrylate copolymers (EAA) Ethylene/VAC-copolymers (E/VA) Furane resins Isocyanate resins Modified phenolic resins Polyvinyl acetate (PVAC) Silicone elastomers (LSR a.RTV 2K)
1.6.5 1.6.3 1.6.4 1.6.6 1.6.7 1.6.8 1.6.9 1.6.10 1.6.11 1.6.12 1.6.13 1.7 1.7.1 1.7.2 1.7.3 1.7.4 1.7.5 1.7.6 1.7.7 1.7.8 1.7.9 1.7.10 1.7.11	Carbon fibres (CF) Cellulose fibres (Viscose-, Acetate fibres) Hybrid fibre reinforcings (s. UP- and EP-resins) Polyamide fibres Polyester fibres Polyester fibres Polyyropylene fibres Polyyropylene fibres Polyvinyl alcohol fibres Polyvinyl alcohol fibres Polyvinyl alcohol fibres Polyvinyl chloride fibres Vinylidene chloride/vinyl chloride copolymer fibres Coating compounds Atactic olefin polymers Bitumen blends Epoxy resins (EP) Ethylene/acrylate copolymers (EA) Ethylene/acrylate copolymers (EA) Ethylene/AcC-copolymers (E/VA) Furane resins Isocyanate resins Modified phenolic resins Polyvinyl acetate (PVAC) Silicone elastomers (LSR a.RTV 2K) incl. auxiliaries

1.8	Adhesives and glues
1.8.2	Binders
1.8.10	Contact adhesives
1.8.3	Copolyamid-adhesives mouldes
1.8.4	Copolyester-adhesives mouldes
1.8.5	Cyanacrylate
1.8.6	Dispersion adhesives
1.8.1	Flock-adhesive
1.8.8	Heat sealing adhesives
1.8.16	Hot melt adhesives
1.8.14	One-pack adhesives
1.8.12	Paper-glues
1.8.13	Plastisol adhesives
1.8.7	Pressure sensitive adhesives
1.8.11	Solvent-based adhesives
1.8.17	Textil finishes
1.8.15	Two-pack adhesives
1.8.9	Wood-glues
	5
1.9	Paint resins
1.9.1	Aldehyde resins
1.9.2	Alkyd resins
1.9.3	Cellulose esters
1.9.4	Cellulose nitrate (CN)
1.9.5	Chlorinated polypropylene
1.9.6	Chlorinated rubber
1.9.7	Coumarone resins
1.9.8	Cyclo rubber
1.9.9	E/EVA copolymers
1.9.10	Époxy resins (EP)
1.9.12	Indene resins
1.9.14	Ketone resins
1.9.16	Maleic resins
1.9.17	Melamine/formaldehyde resins (MF)
1.9.18	Mixed polyamides
1.9.15	Paint auxiliairies
1.9.19	Phenol/formaldehyde resins (PF)
1.9.20	Polyacrylate resins
1.9.21	Polyaminoamides
1.9.23	Polyesterimide resins
1.9.22	Polyesters unsaturated
1.9.24	Polyurethanes
1.9.25	Polyvinyl acetates (PVAC)
1.9.26	Polyvinyl alcohols (PVAL)
1.9.27	Polyvinyl butyrals
1.9.28	Polyvinyl ethers
1.9.13	Rubber hydrochloride
1.9.29	Silicones
1.9.11	Urea/formaldehyde resins
1.10	Additives
1.10.22	Accelerators
1.10.5	Activators
1.10.3	Additive concentrates
1.10.63	Additives for electrostatic spray
	paints
1.10.2	Additives, other
1.10.53	Adhesives
1.10.4	Adipates
1.10.6	Ageing stabilizers
1.10.25	Agents biozides
1.10.7	Aluminium powders/ -pastes
1.10.8	Aluminium trihydrate
1.10.9	Amine accelerator

- 1.10.10 Amine sterically hindered
- 1.10.11 Ammonium Persulfate

Please indicate on Form A1

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1.10.13	Antiblocking agents
1.10.16	Antifoam agents
1.10.14	Antimony trioxide
1.10.15	Antioxidants
1.10.12	Antisettling agents
1.10.17	Antislip agents
1.10.18	Antistatic agents
1.10.20	Azo pigments
1.10.21	Ba/Ca-Stabilisers
1.10.23	Binders
1.10.24	Biostabilisers
1.10.96	Black pigments
1.10.27	Bronze powder
1.10.29	Ca/Zn-Stabilisers
1.10.30	Cadmium pigments
1.10.92	Carbon black
1.10.31	Chelators
1.10.32	Chloroparaffins
1.10.33	Chrome pigments
1.10.28	Colour pigments
1.10.45	Colourants
1.10.54	Coupling agents
1.10.113	Crosslinking agents
1.10.34	Cyanuric Chloride
1.10.102	Daylight fluorescent pigments
1.10.111	Diluents
1.10.35	Dispersing agents
1.10.36	Dithiocarbonate accelerator
1.10.46	Dyestuffs, soluble
1.10.37	Effect pigments
1.10.39	Elasticators
1.10.40	Emulsifiers
1.10.41	Epoxy plasticiser
1.10.42	Extender
1.10.43	Factices
1.10.26	Fire protection agents
1.10.48	Flexibilisers
1.10.49	Flow auxiliaries
1.10.112	Flow control agents
1.10.93	Foaming agents
1.10.94	Foamstabilisers
1.10.52	Guanidine accelerator
1.10.55 1.10.56	Hardener (EP resins)
	Hardener (UP resins)
1.10.118 1.10.57	Hydrogen peroxide Hydrolysis inhibitors
1.10.97	Impact modifiers
1.10.55	Inhibitors
1.10.38	Inhibitors
1.10.59	Initiators
1.10.39	Iron oxide pigments
1.10.60	Isophorone Diamind
1.10.61	Kicker
1.10.64	Light stabilisers (s. UV stabilizers)
1.10.66	LP-Additives
1.10.51	Lubricants
1.10.44	Masterbatches
1.10.67	Masticating agents
1.10.68	Matting agent
1.10.69	Mercapto accelerator
1.10.70	Metal deactivators
1.10.71	Microbicides
1.10.72	Montan waxes
1.10.74	Nucleating agents
1.10.75	Optical brighteners

1.10.76	Ozone resisters
1.10.77	Paraformaldehyde
1.10.79	Pearlescence pigments
1.10.78	Pentaerythritol
1.10.81	Phosphorescence colourants
1.10.82	Photoinitiators
1.10.83	Phthalate plasticisers
1.10.84	Phthalocyanine pigments
1.10.85	Pigment Black, Pigment Black
	Preparations
1.10.119	Plasticiser
1.10.87	Policyclic pigments
1.10.86	Polishing agents
1.10.88	Polmerisation Initiator
1.10.89	Porosity regulators
1.10.62	Preservatives
1.10.109	Processing machines
1.10.19	Protective materials for industry
1.10.90	
1.10.106	Release agents
1.10.97	Secondary plasticisers
1.10.50	Shiner
	Smoke density reductioners
1.10.91 1.10.73	Sodim Persulfate
	Solid lubricants
1.10.98	Solvents Stabilizers
	Stearates
	Stearic acid
1.10.1	Stripper/paint remover
	Sulfenamide accelerators
	Termite protective agents
1.10.110	Thickeners
1.10.104	Thiuram accelerators
1.10.104 1.10.105	Thiuram accelerators Thixotropic agents
1.10.104 1.10.105 1.10.107	Thiuram accelerators Thixotropic agents Ultramarine pigments
1.10.104 1.10.105 1.10.107 1.10.108	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer
1.10.104 1.10.105 1.10.107 1.10.108 1.10.114	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator
1.10.104 1.10.105 1.10.107 1.10.108 1.10.114 1.10.115	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanisation inhibitors
$\begin{array}{c} 1.10.104\\ 1.10.105\\ 1.10.107\\ 1.10.108\\ 1.10.114\\ 1.10.115\\ 1.10.116\end{array}$	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanisation inhibitors Vulcanising agents
$\begin{array}{c} 1.10.104\\ 1.10.105\\ 1.10.107\\ 1.10.108\\ 1.10.114\\ 1.10.115\\ 1.10.116\\ 1.10.117\end{array}$	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanisation inhibitors Vulcanising agents Waxes
$\begin{array}{c} 1.10.104\\ 1.10.105\\ 1.10.107\\ 1.10.108\\ 1.10.114\\ 1.10.115\\ 1.10.116\\ 1.10.117\end{array}$	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanisation inhibitors Vulcanising agents
$\begin{array}{c} 1.10.104\\ 1.10.105\\ 1.10.107\\ 1.10.108\\ 1.10.114\\ 1.10.115\\ 1.10.116\\ 1.10.116\\ 1.10.117\\ 1.10.120\\ \end{array}$	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanisation inhibitors Vulcanising agents Waxes White pigments
1.10.104 1.10.105 1.10.107 1.10.108 1.10.114 1.10.115 1.10.116 1.10.117 1.10.120 1.11	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanisation inhibitors Vulcanising agents Waxes
1.10.104 1.10.105 1.10.107 1.10.108 1.10.114 1.10.115 1.10.116 1.10.117 1.10.120 1.11 1.11.1	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanisation inhibitors Vulcanising agents Waxes White pigments Fillers Aktisil
1.10.104 1.10.105 1.10.107 1.10.108 1.10.114 1.10.115 1.10.116 1.10.117 1.10.120 1.11 1.11.1 1.11.2	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanisation inhibitors Vulcanising agents Waxes White pigments Fillers Aktisil Aluminium hydroxide
1.10.104 1.10.105 1.10.107 1.10.108 1.10.114 1.10.115 1.10.116 1.10.117 1.10.120 1.11 1.11.1 1.11.2 1.11.3	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanising agents Vulcanising agents Waxes White pigments Fillers Aktisil Aluminium hydroxide Andalusite
1.10.104 1.10.105 1.10.107 1.10.108 1.10.114 1.10.115 1.10.116 1.10.117 1.10.120 1.11 1.11.1 1.11.2 1.11.3 1.11.4	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanising agents Vulcanising agents Waxes White pigments Fillers Aktisil Aluminium hydroxide Andalusite Barium ferrite
1.10.104 1.10.105 1.10.107 1.10.108 1.10.114 1.10.115 1.10.116 1.10.117 1.10.120 1.11 1.11.1 1.11.2 1.11.3 1.11.4 1.11.5	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanising agents Vulcanising agents Waxes White pigments Fillers Aktisil Aluminium hydroxide Andalusite Barium ferrite Barium sulfate (barytes, blanc fixe)
1.10.104 1.10.105 1.10.107 1.10.108 1.10.114 1.10.115 1.10.116 1.10.117 1.10.120 1.11 1.11.1 1.11.2 1.11.3 1.11.4 1.11.5 1.11.6	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanising agents Vulcanising agents Waxes White pigments Fillers Aktisil Aluminium hydroxide Andalusite Barium ferrite Barium sulfate (barytes, blanc fixe) Calcium carbonate
1.10.104 1.10.105 1.10.107 1.10.108 1.10.114 1.10.115 1.10.116 1.10.117 1.10.120 1.11 1.11.1 1.11.2 1.11.3 1.11.4 1.11.5 1.11.6 1.11.21	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanisation inhibitors Vulcanising agents Waxes White pigments Fillers Aktisil Aluminium hydroxide Andalusite Barium ferrite Barium sulfate (barytes, blanc fixe) Calcium carbonate Carbon
$\begin{array}{c} 1.10.104\\ 1.10.105\\ 1.10.107\\ 1.10.108\\ 1.10.114\\ 1.10.115\\ 1.10.116\\ 1.10.117\\ 1.10.120\\ \end{array}$	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanising agents Vulcanising agents Waxes White pigments Fillers Aktisil Aluminium hydroxide Andalusite Barium ferrite Barium sulfate (barytes, blanc fixe) Calcium carbonate Carbon Cellulose powder
$\begin{array}{c} 1.10.104\\ 1.10.105\\ 1.10.107\\ 1.10.108\\ 1.10.114\\ 1.10.115\\ 1.10.116\\ 1.10.117\\ 1.10.120\\ \end{array}$	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanising agents Vulcanising agents Waxes White pigments Fillers Aktisil Aluminium hydroxide Andalusite Barium ferrite Barium sulfate (barytes, blanc fixe) Calcium carbonate Carbon Cellulose powder Core flour
$\begin{array}{c} 1.10.104\\ 1.10.105\\ 1.10.107\\ 1.10.108\\ 1.10.114\\ 1.10.115\\ 1.10.116\\ 1.10.117\\ 1.10.120\\ \end{array}$	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanising agents Vulcanising agents Waxes White pigments Fillers Aktisil Aluminium hydroxide Andalusite Barium ferrite Barium sulfate (barytes, blanc fixe) Calcium carbonate Carbon Cellulose powder Core flour Cristobalite
$\begin{array}{c} 1.10.104\\ 1.10.105\\ 1.10.107\\ 1.10.108\\ 1.10.114\\ 1.10.115\\ 1.10.116\\ 1.10.117\\ 1.10.120\\ \end{array}$	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanisation inhibitors Vulcanising agents Waxes White pigments Fillers Aktisil Aluminium hydroxide Andalusite Barium ferrite Barium sulfate (barytes, blanc fixe) Calcium carbonate Carbon Cellulose powder Core flour Cristobalite Cryolite
$\begin{array}{c} 1.10.104\\ 1.10.105\\ 1.10.107\\ 1.10.108\\ 1.10.114\\ 1.10.115\\ 1.10.116\\ 1.10.117\\ 1.10.120\\ \end{array}$	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanisation inhibitors Vulcanising agents Waxes White pigments Fillers Aktisil Aluminium hydroxide Andalusite Barium ferrite Barium sulfate (barytes, blanc fixe) Calcium carbonate Carbon Cellulose powder Core flour Cristobalite Cryolite Dolomite
$\begin{array}{c} 1.10.104\\ 1.10.105\\ 1.10.107\\ 1.10.108\\ 1.10.114\\ 1.10.115\\ 1.10.116\\ 1.10.117\\ 1.10.120\\\\ \hline \textbf{1.11}\\ 1.11.1\\ 1.11.2\\ 1.11.3\\ 1.11.4\\ 1.11.5\\ 1.11.6\\ 1.11.21\\ 1.11.7\\ 1.11.7\\ 1.11.17\\ 1.11.8\\ 1.11.22\\ 1.11.9\\ 1.11.10\\ \end{array}$	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanisation inhibitors Vulcanising agents Waxes White pigments Fillers Aktisil Aluminium hydroxide Andalusite Barium ferrite Barium sulfate (barytes, blanc fixe) Calcium carbonate Carbon Cellulose powder Core flour Cristobalite Cryolite Dolomite Electrochemical corundum
$\begin{array}{c} 1.10.104\\ 1.10.105\\ 1.10.107\\ 1.10.108\\ 1.10.114\\ 1.10.115\\ 1.10.116\\ 1.10.117\\ 1.10.120\\\\ \hline \\ \textbf{1.11}\\ 1.11.1\\ 1.11.2\\ 1.11.3\\ 1.11.4\\ 1.11.5\\ 1.11.6\\ 1.11.21\\ 1.11.7\\ 1.11.17\\ 1.11.8\\ 1.11.22\\ 1.11.9\\ 1.11.10\\ 1.11.11\\ \end{array}$	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanisation inhibitors Vulcanising agents Waxes White pigments Fillers Aktisil Aluminium hydroxide Andalusite Barium ferrite Barium sulfate (barytes, blanc fixe) Calcium carbonate Carbon Cellulose powder Core flour Cristobalite Cryolite Dolomite Electrochemical corundum Feldspars
$\begin{array}{c} 1.10.104\\ 1.10.105\\ 1.10.107\\ 1.10.108\\ 1.10.114\\ 1.10.115\\ 1.10.116\\ 1.10.117\\ 1.10.120\\\\ \hline \\ \textbf{1.11}\\ 1.11.1\\ 1.11.2\\ 1.11.3\\ 1.11.4\\ 1.11.5\\ 1.11.6\\ 1.11.21\\ 1.11.7\\ 1.11.17\\ 1.11.8\\ 1.11.22\\ 1.11.9\\ 1.11.10\\ 1.11.11\\ 1.11.20\\ \end{array}$	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanisation inhibitors Vulcanising agents Waxes White pigments Fillers Aktisil Aluminium hydroxide Andalusite Barium ferrite Barium sulfate (barytes, blanc fixe) Calcium carbonate Carbon Cellulose powder Core flour Cristobalite Cryolite Dolomite Electrochemical corundum Feldspars Fillers and reinforcement
$\begin{array}{c} 1.10.104\\ 1.10.105\\ 1.10.107\\ 1.10.108\\ 1.10.114\\ 1.10.115\\ 1.10.116\\ 1.10.117\\ 1.10.120\\ \end{array}$	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanisation inhibitors Vulcanising agents Waxes White pigments Fillers Aktisil Aluminium hydroxide Andalusite Barium ferrite Barium sulfate (barytes, blanc fixe) Calcium carbonate Carbon Cellulose powder Core flour Cristobalite Cryolite Dolomite Electrochemical corundum Feldspars Fillers and reinforcement Filter concentration
$\begin{array}{c} 1.10.104\\ 1.10.105\\ 1.10.107\\ 1.10.108\\ 1.10.114\\ 1.10.115\\ 1.10.116\\ 1.10.117\\ 1.10.120\\\\\hline \textbf{1.11}\\ 1.11.1\\ 1.11.2\\ 1.11.3\\ 1.11.4\\ 1.11.5\\ 1.11.6\\ 1.11.21\\ 1.11.7\\ 1.11.8\\ 1.11.22\\ 1.11.9\\ 1.11.10\\ 1.11.10\\ 1.11.11\\ 1.11.20\\ 1.11.12\\ 1.11.27\\ 1.1$	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanisation inhibitors Vulcanising agents Waxes White pigments Fillers Aktisil Aluminium hydroxide Andalusite Barium ferrite Barium sulfate (barytes, blanc fixe) Calcium carbonate Carbon Cellulose powder Core flour Cristobalite Cryolite Dolomite Electrochemical corundum Feldspars Fillers and reinforcement Filter concentration Fused silica
1.10.104 1.10.105 1.10.107 1.10.108 1.10.114 1.10.115 1.10.116 1.10.117 1.10.120 1.11 1.11.1 1.11.2 1.11.3 1.11.4 1.11.5 1.11.6 1.11.21 1.11.7 1.11.17 1.11.17 1.11.17 1.11.19 1.11.22 1.11.22 1.11.21 1.11.20 1.11.12 1.11.21 1.11.	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanisation inhibitors Vulcanising agents Waxes White pigments Fillers Aktisil Aluminium hydroxide Andalusite Barium ferrite Barium sulfate (barytes, blanc fixe) Calcium carbonate Carbon Cellulose powder Core flour Cristobalite Cryolite Dolomite Electrochemical corundum Feldspars Fillers and reinforcement Filter concentration Fused silica Glass beads
1.10.104 1.10.105 1.10.107 1.10.108 1.10.114 1.10.115 1.10.116 1.10.117 1.10.120 1.11 1.11.1 1.11.2 1.11.3 1.11.4 1.11.5 1.11.6 1.11.21 1.11.7 1.11.17 1.11.17 1.11.17 1.11.19 1.11.22 1.11.22 1.11.21 1.11.	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanisation inhibitors Vulcanising agents Waxes White pigments Fillers Aktisil Aluminium hydroxide Andalusite Barium ferrite Barium sulfate (barytes, blanc fixe) Calcium carbonate Carbon Cellulose powder Core flour Cristobalite Cryolite Dolomite Electrochemical corundum Feldspars Fillers and reinforcement Filter concentration Fused silica Glass beads Graphite
1.10.104 1.10.105 1.10.107 1.10.108 1.10.114 1.10.115 1.10.116 1.10.117 1.10.120 1.11 1.11.1 1.11.2 1.11.3 1.11.4 1.11.5 1.11.6 1.11.21 1.11.7 1.11.7 1.11.8 1.11.22 1.11.9 1.11.10 1.11.11 1.11.20 1.11.12 1.11.21	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanisation inhibitors Vulcanising agents Waxes White pigments Fillers Aktisil Aluminium hydroxide Andalusite Barium ferrite Barium sulfate (barytes, blanc fixe) Calcium carbonate Carbon Cellulose powder Core flour Cristobalite Cryolite Dolomite Electrochemical corundum Feldspars Fillers and reinforcement Filter concentration Fused silica Glass beads Graphite Kaolin
1.10.104 1.10.105 1.10.107 1.10.108 1.10.114 1.10.115 1.10.116 1.10.117 1.10.120 1.11 1.11.1 1.11.2 1.11.3 1.11.4 1.11.5 1.11.6 1.11.21 1.11.7 1.11.17 1.11.17 1.11.17 1.11.19 1.11.22 1.11.22 1.11.21 1.11.	Thiuram accelerators Thixotropic agents Ultramarine pigments UV stabilizer Vulcanisation accelerator Vulcanisation inhibitors Vulcanising agents Waxes White pigments Fillers Aktisil Aluminium hydroxide Andalusite Barium ferrite Barium sulfate (barytes, blanc fixe) Calcium carbonate Carbon Cellulose powder Core flour Cristobalite Cryolite Dolomite Electrochemical corundum Feldspars Fillers and reinforcement Filter concentration Fused silica Glass beads Graphite

1.10.76 Ozone resisters

1.11.23	Metal powder
1.11.24	Microbeads rigid and hollow
1.11.30	Mineral filters
1.11.20.2	Natural amorphous silica
1.11.25	Nepheline
1.11.26	Olivine
1.11.29	Organic shellflower
1.11.20.1	Precipitated silices
1.11.20.3	Pyrogenic silica
1.11.28	Quartz gravel, sand, flour
1.11.32	Silicate hollow beads
1.11.18	Siliceous earth
	Silicon carbide
1.11.31	
1.11.33	Sillimanite
1.11.34	Sillitin
1.11.35	Talc
1.11.36	Wollastonite
1.11.15	Wood flour
1.11.37	
1.11.57	
1.12	Reinforcing fibres, materials
1.12.1	Aramide fibres
1.12.2	Basalt fibres
1.12.3	Boron fibres
1.12.11	Carbon fibres (CF)
1.12.4	
	Cellulose fibres
1.12.10	Ceramic fibres
1.12.7	Glass beads
1.12.6	Glass fibres (s. Textile glass)
1.12.9	Graphite fibres
1.12.12	Metal fibres
1.12.13	Metal oxide fibres
1.12.8	Mica
1.12.14	Microbeads (glass, silicate, hollow
	and rigid)
1.12.15	Phenolic resin fibres
1.12.16	Polyacrylonitrile fibres
1.12.17	Polybenzimidazole fibres
1.12.18	
	Polybenzoxazole fibres
1.12.20	Polyimide fibres
1.12.21	Polyoxydiazole fibres
1.12.19	Polyquinazoline fibres
1.12.22	Polytriazole fibres
1.12.5	Self-reinforcing fibres
	Jen-remouting indes
1 12 23	
1.12.23	Sisal fibres
1.12.24	Sisal fibres Textile glass (cut and milled)
1.12.24 1.12.25	Sisal fibres Textile glass (cut and milled) Textile glass fabric
1.12.24 1.12.25 1.12.26	Sisal fibres Textile glass (cut and milled) Textile glass fabric Textile glass mats
1.12.24 1.12.25	Sisal fibres Textile glass (cut and milled) Textile glass fabric
1.12.24 1.12.25 1.12.26	Sisal fibres Textile glass (cut and milled) Textile glass fabric Textile glass mats Textile glass non wovens
1.12.24 1.12.25 1.12.26 1.12.28 1.12.27	Sisal fibres Textile glass (cut and milled) Textile glass fabric Textile glass mats Textile glass non wovens Textile glass rovings
1.12.24 1.12.25 1.12.26 1.12.28 1.12.27 1.12.29	Sisal fibres Textile glass (cut and milled) Textile glass fabric Textile glass mats Textile glass non wovens Textile glass rovings Whiskers
1.12.24 1.12.25 1.12.26 1.12.28 1.12.27	Sisal fibres Textile glass (cut and milled) Textile glass fabric Textile glass mats Textile glass non wovens Textile glass rovings
1.12.24 1.12.25 1.12.26 1.12.28 1.12.27 1.12.29 1.12.30	Sisal fibres Textile glass (cut and milled) Textile glass fabric Textile glass mats Textile glass non wovens Textile glass rovings Whiskers Wollastonite
1.12.24 1.12.25 1.12.26 1.12.28 1.12.27 1.12.29	Sisal fibres Textile glass (cut and milled) Textile glass fabric Textile glass mats Textile glass non wovens Textile glass rovings Whiskers Wollastonite Starting materials, intermediate,
1.12.24 1.12.25 1.12.26 1.12.28 1.12.27 1.12.29 1.12.30 1.13	Sisal fibres Textile glass (cut and milled) Textile glass fabric Textile glass mats Textile glass non wovens Textile glass rovings Whiskers Wollastonite Starting materials, intermediate, polymerisation auxiliaries
1.12.24 1.12.25 1.12.26 1.12.28 1.12.27 1.12.29 1.12.30 1.13 1.13.1	Sisal fibres Textile glass (cut and milled) Textile glass fabric Textile glass mats Textile glass non wovens Textile glass rovings Whiskers Wollastonite Starting materials, intermediate,
1.12.24 1.12.25 1.12.26 1.12.28 1.12.27 1.12.29 1.12.30 1.13 1.13.1	Sisal fibres Textile glass (cut and milled) Textile glass fabric Textile glass mats Textile glass non wovens Textile glass rovings Whiskers Wollastonite Starting materials, intermediate, polymerisation auxiliaries
1.12.24 1.12.25 1.12.26 1.12.28 1.12.27 1.12.29 1.12.30 1.13 1.13.1 1.13.2	Sisal fibres Textile glass (cut and milled) Textile glass fabric Textile glass mats Textile glass non wovens Textile glass rovings Whiskers Wollastonite Starting materials, intermediate, polymerisation auxiliaries Adipic acid AH-salt
1.12.24 1.12.25 1.12.26 1.12.28 1.12.27 1.12.29 1.12.30 1.13 1.13.1 1.13.2 1.13.3	Sisal fibres Textile glass (cut and milled) Textile glass fabric Textile glass mats Textile glass non wovens Textile glass rovings Whiskers Wollastonite Starting materials, intermediate, polymerisation auxiliaries Adipic acid AH-salt Aminoundecane carboxylic acid
1.12.24 1.12.25 1.12.26 1.12.28 1.12.27 1.12.29 1.12.30 1.13 1.13.1 1.13.2 1.13.3 1.13.4	Sisal fibres Textile glass (cut and milled) Textile glass fabric Textile glass mats Textile glass non wovens Textile glass rovings Whiskers Wollastonite Starting materials, intermediate, polymerisation auxiliaries Adipic acid AH-salt Aminoundecane carboxylic acid Azealic acid
1.12.24 1.12.25 1.12.26 1.12.28 1.12.27 1.12.29 1.12.30 1.13 1.13.1 1.13.2 1.13.3 1.13.4 1.13.5	Sisal fibres Textile glass (cut and milled) Textile glass fabric Textile glass mats Textile glass non wovens Textile glass rovings Whiskers Wollastonite Starting materials, intermediate, polymerisation auxiliaries Adipic acid AH-salt Aminoundecane carboxylic acid Azealic acid Benzidine
1.12.24 1.12.25 1.12.26 1.12.28 1.12.27 1.12.29 1.12.30 1.13 1.13 .1 1.13.2 1.13.3 1.13.4 1.13.5 1.13.6	Sisal fibres Textile glass (cut and milled) Textile glass fabric Textile glass mats Textile glass non wovens Textile glass rovings Whiskers Wollastonite Starting materials, intermediate, polymerisation auxiliaries Adipic acid AH-salt Aminoundecane carboxylic acid Azealic acid Benzidine Benzimidazole
1.12.24 1.12.25 1.12.26 1.12.28 1.12.27 1.12.29 1.12.30 1.13 1.13 .1 1.13.2 1.13.3 1.13.4 1.13.5 1.13.6 1.13.7	Sisal fibres Textile glass (cut and milled) Textile glass fabric Textile glass mats Textile glass non wovens Textile glass rovings Whiskers Wollastonite Starting materials, intermediate, polymerisation auxiliaries Adipic acid AH-salt Aminoundecane carboxylic acid Azealic acid Benzidine
1.12.24 1.12.25 1.12.26 1.12.28 1.12.27 1.12.29 1.12.30 1.13 1.13 .1 1.13.2 1.13.3 1.13.4 1.13.5 1.13.6	Sisal fibres Textile glass (cut and milled) Textile glass fabric Textile glass mats Textile glass non wovens Textile glass rovings Whiskers Wollastonite Starting materials, intermediate, polymerisation auxiliaries Adipic acid AH-salt Aminoundecane carboxylic acid Azealic acid Benzidine Benzimidazole
1.12.24 1.12.25 1.12.26 1.12.28 1.12.27 1.12.29 1.12.30 1.13 1.13 .1 1.13.2 1.13.3 1.13.4 1.13.5 1.13.6 1.13.7	Sisal fibres Textile glass (cut and milled) Textile glass fabric Textile glass mats Textile glass non wovens Textile glass rovings Whiskers Wollastonite Starting materials, intermediate, polymerisation auxiliaries Adipic acid AH-salt Aminoundecane carboxylic acid Azealic acid Benzidine Benzimidazole Benzoyl peroxide

Please indicate on Form A1

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	finished products, technical parts einforced plastics	2.4.1.3	Semi finished products of polyamide (PA)
	•	2.4.1.4	Semi finished products of
2.1	Processing technologies		polycarbonate (PC)
2.1.1	Parts made by blow moulding	2.4.1.5	Semi finished products of
2.1.2	Products made by extrusion		polyethylene (PE)
2.1.3	Production/Preparation of reinforced plastics products	2.4.1.6	Semi finished products of polymethylmethacrylate (F
2.1.4	Products made by calendaring	2.4.1.7	Semi finished products of
2.1.5	Parts made by laminating		polypropylene (PP)
2.1.6	Parts made by mechanical treating	2.4.1.8	Semi finished products of
2.1.7	Parts made by compression moulding		polystyrene (PS)
2.1.8	Parts made by rotation moulding	2.4.1.9	Semi finished products of
2.1.9	Parts made by foaming		polytetrafluorethylene (PT
2.1.10	Parts made by injection moulding	2.4.1.10	Semi finished products of
2.1.11	Parts made by termoforming		polyurethane (PUR)
		2.4.1.11	
2.2	Follow on treatment of plastics		polyvinylchloride (PVC)
	products	2.4.1.12	
2.2.1	Vapour-deposit decorating	2.4.1.13	
2.2.2	Galvanization	2.4.2	Films
2.2.3	Printing	2.4.3	Technical parts
2.2.4 2.2.5	Type printing Welding	2.4.4	Compounds/Recyclates
2.2.5	Embossing	2.5	Products
2.2.0	Linbossing	2.5.1	Apparatus and parts
2.3	Supplying	2.5.2	Armatures and parts
2.3.1	Plastics products and parts for plant	2.5.3	Linings and coatings
2.5.1	building	2.5.4	Fastenings
2.3.2	Plastics products and parts for	2.5.5	Flocking
	automotive	2.5.6	Cointainers
2.3.3	Plastics products and parts for	2.5.7	Coatings
	building applications	2.5.8	Office machinery-parts
2.3.4	Plastics products and parts for office	2.5.9	Data-processing equipement
	equipment/promotion	2.5.10	Sealing profiles
2.3.5	Plastics products and parts for	2.5.11	Sealings/Sealrings
	household/consumer	2.5.12	Torsion vibration damper
2.3.6	Plastics products and parts for	2.5.13	Printing blankets
0 0 7	electro-/household appliance	2.5.14	Electrical equipements-par
2.3.7	Plastics products and parts for	2.5.15	Electrical installation mate
220	electrical engineering	2.5.16	Bellows, expansible
2.3.8	Plastics products and parts for data appliance	2.5.17 2.5.18	Telecommunication equipn Television sets - parts
2.3.9	Plastics products and parts for	2.5.18	Film cameras, cameras -
2.3.9	agriculture	2.3.19	technical parts
2.3.10	Plastics products and parts for	2.5.20	Filters and parts
2.5.10	aviation	2.5.21	Conveyor belts
2.3.11	Plastics products and parts for	2.5.22	Galvanized parts
	mechanical engineering	2.5.23	Casings and cabinets
2.3.12	Plastics products and parts for	2.5.24	Glass-fibre reinforced plast
	medical engineering		(GRP)
2.3.13	Plastics products and parts for	2.5.25	Handles
	furniture appliances	2.5.26	Rubber hollow springs
2.3.14	Plastics products and parts for	2.5.27	Rubber/plastics combination
	food processing industry	2.5.28	Rubber/metal combination
2.3.15	Plastics products and parts for	2.5.29	Rubberised fabrics
	transport/packaging	2.5.30	Laminated fabric and lamin
2.3.16	Plastics products and parts for		paper
	optics/precision engineering	2.5.31	Hot melt films
o /	Developed and an and	2.5.32	Laboratory equipment -
2.4	Product groups	2 5 22	technical parts
	Semi finished products Semi finished products of acryl-	2.5.33 2.5.34	Storage and transport cont
2/.11	Jenn ministreu products of deryt-	2.0.34	Bearing boxes, bushes and
2.4.1.1		2535	Rogie wheels and runners
2.4.1.1	nitrile-butadiene (ABS) Semi finished products of GMT	2.5.35 2.5.36	Bogie wheels and runners Lamps and components

1.13.10	Butene-1
1.13.11	Butenediol
1.13.28	Catalysts
1.13.12	Cellulosecarbodiimide
1.13.15	Diamine
1.13.16	Diglycidyle compounds
1.13.17	Diole
1.13.18	Dispersions
1.13.19	E-Aminocaprolactam
1.13.20	Epichlorohydrin
1.13.21	Ethyl benzene
1.13.22	Ethylene glycol
1.13.23	Formaldehyde
1.13.24	Fumaric acid
1.13.24	HET-acid
1.13.25	
	Hexmethylene diamind
1.13.27	Isocyanates
1.13.29	Maleic acid
1.13.30	Peroxides
1.13.31	Phenol
1.13.32	Phthalates
1.13.33	Polyester
1.13.34	Polyether
1.13.35	Polymerization auxiliaries
1.13.36	Polymerization-catalysts
1.13.37	Polyols
1.13.13	Quinoline
1.13.14	Quinoxaline
1.13.38	Raw materials
1.13.39	Silanes
1.13.40	Siloxanes
1.13.41	Synthetic powder
1.13.42	Toluene diisocyanate
1.13.43	Triallylcyanurate
1.13.44	Trichloroethane
1.13.45	Trioxane
1.13.46	Vinyl acetate
1.13.47	Vinyl benzene
1.13.48	Vinyl carbazole
1.13.49	Vinyl chloride
1.13.50	Vinyl ether
1.13.50 1.13.53	Vinyl ether Vinyl toluene
1.13.50 1.13.53 1.13.51	Vinyl ether Vinyl toluene Vinylidene chloride
1.13.50 1.13.53	Vinyl ether Vinyl toluene
1.13.50 1.13.53 1.13.51 1.13.52	Vinyl ether Vinyl toluene Vinylidene chloride Vinylidene fluoride
1.13.50 1.13.53 1.13.51 1.13.52 1.14	Vinyl ether Vinyl toluene Vinylidene chloride Vinylidene fluoride Others
1.13.50 1.13.53 1.13.51 1.13.52 1.14 1.14.11	Vinyl ether Vinyl toluene Vinylidene chloride Vinylidene fluoride Others Anticorrosive effect
1.13.50 1.13.53 1.13.51 1.13.52 1.14 1.14.11 1.14.9	Vinyl ether Vinyl toluene Vinylidene chloride Vinylidene fluoride Others Anticorrosive effect Cable compounds
1.13.50 1.13.53 1.13.51 1.13.52 1.14 1.14.11 1.14.9 1.14.14	Vinyl ether Vinyl toluene Vinylidene chloride Vinylidene fluoride Others Anticorrosive effect Cable compounds Cleaners
1.13.50 1.13.53 1.13.51 1.13.52 1.14 1.14.11 1.14.9 1.14.14 1.14.2	Vinyl ether Vinyl toluene Vinylidene chloride Vinylidene fluoride Others Anticorrosive effect Cable compounds Cleaners Decorative films
1.13.50 1.13.53 1.13.51 1.13.52 1.14 1.14.11 1.14.9 1.14.14 1.14.2 1.14.5	Vinyl ether Vinyl toluene Vinylidene chloride Vinylidene fluoride Others Anticorrosive effect Cable compounds Cleaners Decorative films Electrical insulation compounds
1.13.50 1.13.53 1.13.51 1.13.52 1.14 1.14.11 1.14.9 1.14.14 1.14.2 1.14.5 1.14.4	Vinyl ether Vinyl toluene Vinylidene chloride Vinylidene fluoride Others Anticorrosive effect Cable compounds Cleaners Decorative films Electrical insulation compounds Embedding compounds
1.13.50 1.13.53 1.13.51 1.13.52 1.14 1.14.11 1.14.9 1.14.14 1.14.2 1.14.5 1.14.4 1.14.6	Vinyl ether Vinyl toluene Vinylidene chloride Vinylidene fluoride Others Anticorrosive effect Cable compounds Cleaners Decorative films Electrical insulation compounds Embedding compounds Flock
1.13.50 1.13.53 1.13.51 1.13.52 1.14 1.14.11 1.14.9 1.14.14 1.14.2 1.14.5 1.14.4 1.14.6 1.14.8	Vinyl ether Vinyl toluene Vinylidene chloride Vinylidene fluoride Others Anticorrosive effect Cable compounds Cleaners Decorative films Electrical insulation compounds Embedding compounds Flock Impregnating agents
1.13.50 1.13.53 1.13.51 1.13.52 1.14 1.14.11 1.14.9 1.14.14 1.14.2 1.14.5 1.14.4 1.14.6 1.14.8 1.14.18	Vinyl ether Vinyl toluene Vinylidene chloride Vinylidene fluoride Others Anticorrosive effect Cable compounds Cleaners Decorative films Electrical insulation compounds Embedding compounds Flock Impregnating agents Industrial gases
1.13.50 1.13.53 1.13.51 1.13.52 1.14 1.14.11 1.14.9 1.14.14 1.14.2 1.14.5 1.14.4 1.14.6 1.14.8 1.14.18 1.14.7	Vinyl ether Vinyl toluene Vinylidene chloride Vinylidene fluoride Others Anticorrosive effect Cable compounds Cleaners Decorative films Electrical insulation compounds Embedding compounds Flock Impregnating agents Industrial gases Jointing fillers
1.13.50 1.13.53 1.13.51 1.13.52 1.14 1.14.11 1.14.9 1.14.14 1.14.2 1.14.5 1.14.4 1.14.6 1.14.8 1.14.18 1.14.7 1.14.1	Vinyl ether Vinyl toluene Vinylidene chloride Vinylidene fluoride Others Anticorrosive effect Cable compounds Cleaners Decorative films Electrical insulation compounds Embedding compounds Flock Impregnating agents Industrial gases Jointing fillers Linings and coatings
$\begin{array}{c} 1.13.50\\ 1.13.53\\ 1.13.51\\ 1.13.52\\ \end{array}$	Vinyl ether Vinyl toluene Vinylidene chloride Vinylidene fluoride Others Anticorrosive effect Cable compounds Cleaners Decorative films Electrical insulation compounds Embedding compounds Flock Impregnating agents Industrial gases Jointing fillers Linings and coatings Paints, coatings
1.13.50 1.13.53 1.13.51 1.13.52 1.14 1.14.11 1.14.9 1.14.14 1.14.2 1.14.5 1.14.4 1.14.5 1.14.4 1.14.6 1.14.8 1.14.18 1.14.7 1.14.1 1.14.12 1.14.10	Vinyl ether Vinyl toluene Vinylidene chloride Vinylidene fluoride Others Anticorrosive effect Cable compounds Cleaners Decorative films Electrical insulation compounds Embedding compounds Flock Impregnating agents Industrial gases Jointing fillers Linings and coatings Paints, coatings Preservatives
1.13.50 1.13.53 1.13.51 1.13.52 1.14 1.14.11 1.14.9 1.14.14 1.14.2 1.14.5 1.14.4 1.14.5 1.14.4 1.14.6 1.14.8 1.14.18 1.14.7 1.14.1 1.14.12 1.14.10 1.14.3	Vinyl ether Vinyl toluene Vinylidene chloride Vinylidene fluoride Others Anticorrosive effect Cable compounds Cleaners Decorative films Electrical insulation compounds Embedding compounds Flock Impregnating agents Industrial gases Jointing fillers Linings and coatings Paints, coatings Preservatives Printing inks
1.13.50 1.13.53 1.13.51 1.13.52 1.14 1.14.11 1.14.9 1.14.14 1.14.2 1.14.5 1.14.4 1.14.5 1.14.4 1.14.6 1.14.8 1.14.18 1.14.7 1.14.1 1.14.12 1.14.10 1.14.3 1.14.13	Vinyl ether Vinyl toluene Vinylidene chloride Vinylidene fluoride Others Anticorrosive effect Cable compounds Cleaners Decorative films Electrical insulation compounds Embedding compounds Flock Impregnating agents Industrial gases Jointing fillers Linings and coatings Paints, coatings Preservatives Printing inks Purging compound
1.13.50 1.13.53 1.13.51 1.13.52 1.14 1.14.11 1.14.9 1.14.14 1.14.2 1.14.5 1.14.4 1.14.5 1.14.4 1.14.6 1.14.8 1.14.18 1.14.18 1.14.12 1.14.10 1.14.3 1.14.13 1.14.16	Vinyl ether Vinyl toluene Vinylidene chloride Vinylidene fluoride Others Anticorrosive effect Cable compounds Cleaners Decorative films Electrical insulation compounds Embedding compounds Flock Impregnating agents Industrial gases Jointing fillers Linings and coatings Paints, coatings Preservatives Printing inks Purging compound Special ceramic products
1.13.50 1.13.53 1.13.51 1.13.52 1.14 1.14.11 1.14.9 1.14.14 1.14.2 1.14.5 1.14.4 1.14.5 1.14.4 1.14.6 1.14.8 1.14.18 1.14.7 1.14.1 1.14.12 1.14.10 1.14.3 1.14.13	Vinyl ether Vinyl toluene Vinylidene chloride Vinylidene fluoride Others Anticorrosive effect Cable compounds Cleaners Decorative films Electrical insulation compounds Embedding compounds Flock Impregnating agents Industrial gases Jointing fillers Linings and coatings Paints, coatings Preservatives Printing inks Purging compound

1.14.17 Trowelling compounds

oducts of C) oducts of E) oducts of acrylate (PMMA) oducts of P) oducts of oducts of ylene (PTFE) oducts of JR) oducts of (PVC) oducts of rubber ned products vclates arts arts ings -parts equipement JS damper ments-parts ation material ble ion equipment - parts parts . meras nets orced plastic parts orings combinations mbinations CS and laminated ment sport containers ushes and sections

Please indicate on Form A1

T-PLAS

3.2.4.1

3.2.4.2

3.2.4.3

3.2.4.4

3.2.4.5

3.2.5.1

3.2.5.2

3.2.5.3

3.2.5.4

3.2.5.5 3.2.5.6

3.2.5.7

3.2.6.1

3.2.6.2 3.2.6.3

3.2.6.4 3.2.6.5

3.3

3.3.1 3.3.2

3.3.3

3.3.4 3.3.5

3.3.6

3.3.7

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Preplasticizing equipment for

moulding compoundse turn over

Machinery for foam and reactive

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Reaction moulding machinery and

Casting machines for open moulds

Other machinery for foam

Pultrusion equipment

Spraying equipment

Filament winding machines

Other processing machines

Rotational moulding machines

Machines for the tyre industry

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Other presses

parts and blocks (for EPS, EPP, EPE)

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Presses

presses

resins

plant

Calenders

prototyping

machines

Cutting machines

Slitter rewinders

Winding equipment

2.5.37	Light Louvres	3.1.4	Screening machines
2.5.38	Air Springs	3.1.5	Pelletizers
2.5.39	Ventilation grids	3.1.6	Screen changers
2.5.40	Packing rings	3.1.7	Melt filters
2.5.41	Membranes	3.1.8	Compounding lines
2.5.42	Membrane films	3.1.9	Recycling lines
2.5.43	Parts for measuring instruments		
2.5.44	Metalised parts	3.2	Machinery and plant for processing
2.5.45	Micro parts		Extruders and extrusion lines
2.5.46	Power unit bearings		Extruders
2.5.47	Surface treated and decorated parts		Extruders, single screw type
2.5.48	Pallets		Extruders, twin screw type
2.5.49	Boards and vulcanite boards	3.2.1.1.3	Other extruders
2.5.50	Parts for pumps		F · · · ·
2.5.51	Radio and phonographic equipment		Extrusion lines
0 5 50	- parts		Extrusion lines for blown film
2.5.52	Tyres and accessories		Extrusion lines for flat film and sheets
2.5.53	Belts		Extrusion lines for strappings
2.5.54 2.5.55	Sandwich cores	3.2.1.2.4	Extrusion lines for mono- and
2.5.55	Suction cups Foam products	22125	multifilaments Extrusion lines for pipes and profiles
2.5.50	Laminates, technical		Extrusion lines for laminating
2.5.57	Hoses	5.2.1.2.0	and coating
2.5.59	Hose elbows	32127	Extrusion lines for sheathing of
2.5.60	Cords	5.2.1.2.1	pipes and cables
2.5.61	Protective covers, hoods and	32128	Extrusion lines for rubber
2.5.01	wrappers		Other extrusion lines
2.5.62	Welding foil	5.2.1.2.5	
2.5.63	Scales		Injection moulding machines
2.5.64	Spools and spool bodies		Injection moulding machines,
2.5.65	Pressed parts in accordance with		general purpose
	sample, drawing or customer's tools	3.2.2.1.1	Injection moulding machines up to
2.5.66	Structural foam parts according to		250 kN clamping force
	sample, drawing or customers tools	3.2.2.1.2	Injection moulding machines above
2.5.67	Tanks		250 kN to 1000 kN clamping force
2.5.68	Technical films	3.2.2.1.3	Injection moulding machines above
2.5.69	Parts of industrial laminates		1000 kN to 4000 kN clamping force
2.5.70	Separating foils	3.2.2.1.4	Injection moulding machines above
2.5.71	Clock and watch parts		4000 kN to 10000 kN clamping force
2.5.72	Ventilator parts	3.2.2.1.5	Injection moulding machines above
2.5.73	Valves		10000 kN clamping force
2.5.74	Composite boards	3.2.2.2	Injection moulding machines,
2.5.75	Reinforced plastic products		multi-component
2.5.76	Rollers and roller coatings	3.2.2.3	Injection moulding machines,
2.5.77	Plastic Heat Exchanger		multi-station
2.5.78	Heat insulation plates	3.2.2.4	Injection moulding machines, for
2.5.79	Soft rubber boards	2 2 2 5	thermosets
2.5.80	Toothed wheels and racks	3.2.2.5	Injection moulding machines, for
2.5.81	Extra springs made of micro-celled	2226	rubber Other injection moulding machines
	Potyurethane Elastomers	3.2.2.6	Other injection moulding machines
	inery and equipment for the plastics		Blow moulding machines
and r	ubber industries	3.2.3.1	Extrusion blow moulding machines

3.2.3.2

3.2.3.3

3.2.3.4

3.2.3.5

machines

machines

(reheat)

Extrusion stretch blow moulding

Injection blow moulding machines

Injection stretch blow moulding

Stretch blow moulding machines

Machines and equipment for preprocessing and recycling

- Mixers 3.1.1.1 Mixers, continuous type, for solids
- 3.1.1.2 Mixers, continuous type, for liquids
- Mixers, batch type, for solids 3.1.1.3
- 3.1.1.4 Mixers, batch type, for liquids
- 3.1.1.5 Other mixers
- Two roll mills 3.1.2
- Size reduction equipment (crushers, 3.1.3 shredders, grinders)

3.3.8 Punching and perforating machines Milling machines 3.3.9 Deflashing equipment 3.3.10 Bag and sack making equipment 3.3.11 Powder and talc application equipment

- 3.3.12
- 3.3.13 Stretching lines for film, filament etc.

Corrugators

- 3.3.14.2 Sheet corrugators
- 3.3.15 Vulcanizers

3.4 Machinery and plant for finishing, decorating, printing and marking

- 3.4.1 Printing equipment for plastic and rubber products 3.4.2 Marking equipment Embossing equipment 3.4.3 3.4.4 Laminating plant 3.4.5 Coating plant 3.4.6 Flocking plant 3.4.7 Metallizing plant (vacuum deposition) 3.4.8 Equipment for In-Mould Decoration
 - (IMD)

3.4.9

Please indicate on Form A1

Laser cutting and marking

3.7.3.3

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Assembly systems	3.9.4	Measuring and test equipment for
Sprue separating equipment		electrical properties
	3.9.5	Measuring and test equipment for
Mould changing	200	optical properties
Mould stores Mould changing transporters	3.9.6	Measuring equipment for moisture content
Mould preheating stations	3.9.7	Accelerated weathering equipment
Mould changing systems	3.9.8	Precision weighing equipment
Floata changing systems	3.9.9	Plastic types identification
Mould fixing devices		equipment
(power operated)	3.9.10	Precision measuring instruments
Mechanical mould fixing devices	3.9.11	Colour testing instruments
2 Magnetic mould fixing devices	3.9.12	Coloured light measuring equipment
Energy couplings	3.9.13	Temperature control thermometers
Protoning to sharlow, for moulded	3.10	Dante and components
Packaging technology for moulded parts and semi-finished products	3.10.1	Parts and components Screws
Stacking devices	3.10.2	Barrels
Shrinking machines	3.10.2	Rolls
Blister packaging machines	3.10.4	Nozzles
Equipment for cartoning	3.10.5	Heating elements
Equipment for palletizing	3.10.6	Machine blades
Equipment for strapping	3.10.7	Rotary unions for liquids
A		to a familie also the and multi-
Ancillary equipment 4 Services for the plastics and rubber Surface pretreatment equipment industries		
Surface precieatment equipment	maa	50105
Heating and cooling technology Heating and cooling units	4.1	Computer software services
Water chillers	4.2	Professional literature
Internal cooling equipment	4.2.1	Trade directories
Metal separators	4.2.2	Technical books
Dust and fume extraction systems	4.2.3	Technical dictionaires
Degassing systems	4.2.4	Professional periodicals
Melt pumps	4.3	Trade associations
Equipment for gas injection Equipment for water injection	4.5	
Electrostatic systems	4.4	Leasing
Mould and die cleaning equipment	7.7	Leasing
5 - Jack - S - Jack - S	4.5	Subcontracting
Measuring and test equipment		-
Measuring and test equipment for	4.6	Science and consulting
rheological properties		N
Managerian and toot any invest for	4.7	Plastic injection moulding
Measuring and test equipment for mechanical or dynamic properties	4.8	Rubber injection moulding
Thickness gauges	4.0	Rubber injection moutaring
Measuring equipment for melt	4.9	Material formulating /
pressure		compounding
Measuring equipment for tensile		
stress of film, sheet	1 4 0	Mould and die making
	4.10	
Leak detectors		
Other measuring and test equipment	4.10 4.11	Others
		Others
Other measuring and test equipment for mechanical or dynamic properties		Others
Other measuring and test equipment for mechanical or dynamic properties <i>Measuring and test equipment for</i>		Others
Other measuring and test equipment for mechanical or dynamic properties Measuring and test equipment for thermal properties		Others
Other measuring and test equipment for mechanical or dynamic properties <i>Measuring and test equipment for</i>		Others

temperatu Other measuring and test equipment 3.2 for thermal properties

	equipment	3.7.3.4	Sprue sepa
3.5	Welding machines		Mould cha
3.5.1	Hot-plate welders	3.7.4.1	Mould stor
3.5.2	Heat impulse welders	3.7.4.2	Mould char
3.5.3		3.7.4.3	Mould pref
3.5.4	Ultrasonic welders	3.7.4.4	Mould char
3.5.5	Hot-gas welders		
3.5.6	Friction welders		Mould fixi
3.5.7	Extrusion welders		(power op
3.5.8	Laser beam welding machines	3.7.4.5.1	Mechanica
		3.7.4.5.2	Magnetic n
3.6	Moulds and dies	3.7.4.6	Energy cou
3.6.1	Injection and compression moulds		
3.6.2	Blow moulds		Packaging
3.6.3	Extrusion dies		parts and
3.6.4	Standard parts for moulds	3.7.5.1	Stacking d
3.6.5	Hot runner systems	3.7.5.2	Shrinking I
3.6.6	Other moulds	3.7.5.3	Blister pac
3.6.7	Mould temperature controllers	3.7.5.4	Equipment
3.6.8	Hot runner temperature controllers		Equipmen
	·	3.7.5.6	Equipment
3.7	Integrated automation		
	Process control technique	3.8	Ancillary e
	Control equipment	3.8.1	Surface pre
3.7.1.1.1	Edge and center sensors		
3.7.1.1.2	Closed loop control equipment for		Heating a
	pressure	3.8.2.1	Heating ar
3.7.1.1.3	Closed loop control equipment for	3.8.2.2	Water chill
	temperature	3.8.2.3	Internal co
3.7.1.1.4	Closed loop control equipment for	3.8.3	Metal sepa
	tensile stress of film, sheet	3.8.4	Dust and f
3.7.1.1.5	Other control equipment	3.8.5	Degassing
3.7.1.2	Machine vision systems	3.8.6	Melt pump
3.7.1.3	Software	3.8.7	Equipment
3.7.1.4	Automation/ Robotics & Parts	3.8.8	Equipment
	handling	3.8.9	Electrostat
		3.8.10	Mould and
	Material handling		
3.7.2.1	Silos	3.9	Measuring
3.7.2.2	Silo discharge devices	3.9.1	Measuring
3.7.2.3	Driers for bulk materials		rheologica
2 7 0 / 4	Conveyors		Measuring
	Pneumatic conveyors		mechanica
	Screw conveyors	3.9.2.1	Thickness
	Spiral conveyors	3.9.2.2	Measuring
	Belt conveyors		pressure
3.7.2.4.5	Other conveyors (except factory	3.9.2.3	Measuring
2 7 0 / 6	trucks and carts)	2001	stress of fi
3.7.2.4.0	Loaders & conveying systems	3.9.2.4	Leak detec
	Desing and matering equipment	3.9.2.5	Other measure
37251	Dosing and metering equipment		for mechar
5.7.2.3.1	Volumetric dosing and metering equipment		Measuring
37252	Gravimetric dosing and metering		thermal p
J.1.2.J.L	equipment	3.9.3.1	Measuring
	equipment	5.5.5.1	temperatu
	Handling technology	3.9.3.2	Other meas
		J.J.J.L	

3./.3.1	Handling devices
3.7.3.2	Manipulating industrial robots,
	reprogrammable

1. Organizer

Messe Düsseldorf Asia Pte Ltd 3 HarbourFront Place, #09-02 HarbourFront Tower Two Singapore 099254 Tel : (65) 6332 9620 Fax : (65) 6332 9655 / (65) 6337 4633 Email: tplas@mda.com.sg Url : www.tplas.com - hereinafter referred to as - MDA -

Representative in Thailand 2.

Exposis Co., Ltd 1755/3 Cedar Park, Soi Ladprao 94 (Town in Town 11), Plubpla, Wangthonglang, Bangkok 10310, Thailand Tel : (662) 559 0856 to 8 Fax : (662) 559 2893 Email: info@exposis.co.th

Venue

Bangkok International Trade & Exhibition Centre (BITEC) 88 Debaratna Road(km.1), Bangna Tai, Bangna Bangkok 10260, Thailand Tel : (662) 726 1999 Fax : (662) 726 1947 Email : Venue@bhirajburi.co.th Website: bitec.co.th

Timetable 4.

- Erection of booths (the "Build-up Period") 17 - 19 September 2023
- Duration of the Exhibition (the "Exhibition Period") 20 - 23 September 2023
- Dismantling of booths (the "Dismantling Period") 24 September 2023

5. Catalogue Entry

The participation cost includes a free entry of your company's full contact details in the official catalogue.

The Exhibitor will be forwarded separate forms in due course for catalogue entries with costs.

Costs of Participation 6.

The costs of participation to be paid are as set forth in the participation options described under Clauses 6.2 to 6.3 below. The general services and facilities (5.1) are included in all options under 6.2 and 6.3.

Participation Options:

6.1 General services and facilities

- Provision of net fair space (stand area), not for co-exhibitors
- Pro rata charge for collectively used area (difference between gross and net area)
- Air conditioning of halls during Exhibition Period as well as last day of Build-up Period. - Entry in the catalogue
- Stand number panel with pictograph
- Cleaning of aisles and passages in halls
- (exhibitors are responsible for cleaning their stands)
- General security service
- (no individual surveillance) - Fire protection service during Build-up Period,
- Exhibition Period and Dismantling Period. - Design of open-air space and halls
- (flags, inscriptions).
- General illumination during Build-up Period,
- Exhibition Period and Dismantling Period. Equipping and operating a service centre
- (telefax and telephone exchange, forwarding agents, technical facilities office and organizers' office)
- Comprehensive visitor promotion
- Visitor registration system

- Information stands for visitors
- Such insurances that the organizers are by law required to take up

6.2 SPACE ONLY (min 18 sqm)

Space Only: SGD 520.00 per sam Services and facilities for "SPACE ONLY" option: - Hall area without structure, stand number

6.3 SHELL SCHEME (min 12 sqm)

Basic Shell Scheme : SGD 620.00 per sqm

Enhanced Shell Scheme : SGD 720.00 per sqm

Co-exhibitor charge :

SGD 600.00 per co-exhibitor

Services and facilities for "SHELL SCHEME PACKAGE" ontions:

Stand assembly and dismantling, include all ancillary costs, comprising: see Form A1 under "Shell Scheme Package"

Any additional technical services required, e.g. power, security, connection of water, local labour are to be provided exclusively by MDA at an extra charge and can be ordered using special order forms. Fees for additional stand assembly services supplementary to those included in the participation fee, and any orders for services shall be agreed or charged according to MDA's price lists valid at the time of the event.

The fees published by MDA are fixed prices and are binding on both parties once the Exhibitor has been admitted.

In the event of any change in the initial conditions agreed between local contractual partners and MDA or any amendment to legal provisions and fees after admission, MDA shall be entitled to charge these to the Exhibitor at the current rate.

Registration

Registrations must be submitted using the enclosed form, acknowledging the acceptance of these Conditions of Participation. The completed registration form bearing a legally binding signature of the Exhibitor should be mailed to:

Messe Düsseldorf Asia Pte Ltd 3 HarbourFront Place

- #09-02 HarbourFront Tower Two
- Singapore 099254

Tel : (65) 6332 9620

Fax : (65) 6332 9655/ (65) 6337 4633

No account shall be taken of conditions or reservations specified by the Exhibitors contained in the registrations. Requests for specific sites do not constitute a condition of participation. Only upon receipt by MDA shall the registration be deemed to be submitted. In consideration of MDA agreeing to consider the registration of the Exhibitor the Exhibitor agrees that it shall not at any time during the Relevant Period withdraw its registration. Particulars given shall be stored for automatic data processing and shall be made available to third parties upon implementation of the contract. Registrations shall be processed in the order received. Any registrations received after the start of space allocation can only be considered if sufficient space is available. Any services offered by companies having exclusive rights in the fair grounds must be ordered through MDA.



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For the purpose of this clause - Registration - the relevant period shall commence from the date the Exhibitors submits his registration to MDA and shall end on the last day of the exhibition.

8. Admission

In principle, only those Exhibitors whose product range is covered by the title and remit of the event shall be admitted in the Exhibition. There is no legal right to admission.

MDA shall have sole and absolute discretion to decide on the admission of exhibitors and exhibits. Any firm which has failed to meet its financial obligations owing to MDA or affiliated companies (from previous fair participation and/or under the terms of these Conditions of Participation, or Item 9) may be rejected. Exhibitors will be informed of admission in writing and admission shall apply only to the Exhibitor stated therein. The mailing of the notice of admission gives rise to a contract between MDA and the Exhibitor.

MDA shall be entitled to revoke any admission if such admission was based on a misunderstanding, false information or if the preconditions for approval no longer apply.

Should MDA be compelled to relocate or change individual stands, entrances, exits or aisles at a later point in time, this shall not give rise to any claims.

If through no fault on the part of MDA the space allocated is no longer available, the Exhibitor shall be entitled to a refund of the participation fee, free of interest, as agreed liquidated damages. No claims for further damages may be submitted.

Following admission by MDA (conclusion of the contract), the obligation to pay the participation fee shall remain legally binding even if, for example, the authorities in the exhibiting country do not approve, in whole or part, the Exhibitor's import requirements, or if exhibits for any reason whatsoever fail to arrive in time or to arrive at all (e.g. owing to loss, delays in transit or customs), or if the Exhibitor or his agent is delayed or even unable to attend. Should the Exhibitor or his agent fail to take over the allocated stand area two days prior to the beginning of the Exhibition, such area may be otherwise disposed of in such manner as MDA shall determine in its absolute discretion. This shall not release the Exhibitor from his contractual obligations or entitle him to demand for refund or lodge any other claims against MDA.

Terms of Payment 9.

The currency of invoice is in SINGAPORE currency (SGD).

- 9.1 Participation costs set forth in item 6 shall be due upon approval of the registration. The exhibitor shall be billed for such amounts. 25% of the participation costs must be paid upon confirmation or allocation of space. The balance shall be paid not later than 31 May 2023.
- Charges for other, separately ordered services or 9.2 deliveries shall be payable at the time of performance or on the date of receipt of the invoice at the latest.

9.3 All remittance are payable to Messe Düsseldorf Asia Pte Ltd, in the currency inclusive of remittance and beneficiary bank charges and must be made by draft or direct transfer to:

> The Hongkong and Shanghai Banking Corporation Ltd Collyer Quay Branch 10 Marina Boulevard, Marina Bay Financial Centre Tower Two #47-01 Singapore 018983

Account No.: (S\$) 141-274738-001 (US\$) 260-147582-178 (THB) 260-147582-179 Swift Code: HSBCSGSGXXX

- 9.4 For failure to meet any and all commitments on the part of the Exhibitors, MDA shall be granted a right of lien in respect of the exhibitors' stand equipment and exhibits (the "Lien Items") on the understanding that MDA is entitled to realise and/or sell the Lien Items in order to meet such commitments. MDA cannot be held liable for damages to/Loss of the Lien Items arising from such realisation and/or sale.
- **9.5** If invoices are sent to a third party on the Exhibitor's instructions, the latter shall still remain a debtor of MDA.
- **9.6** In case of default by the Exhibitor of payment of any sum due to MDA, interest shall be charged on the outstanding sum at a rate of 7% p.a. Where payment dates are not met, MDA shall be entitled to rescind the contract or otherwise dispose of the stand area and the Exhibitor shall be responsible for all losses suffered by MDA. Item 10 of the Conditions of Participation shall apply.

10. Withdrawal or Non-Participation

The Exhibitor shall not be entitled to withdraw his registration or reduce the fair space after submission of the form of registration.

Following approval, the Exhibitor is no longer entitled to withdraw his registration or reduce the fair space. Both participation fee and any other costs actually incurred by MDA must be paid.

Withdrawal by the Exhibitor or any waiver of the allocated stand area shall only become effective upon receipt by MDA of a written declaration to that effect. MDA is entitled to rescind the contract in the event of an application for composition or bankruptcy proceedings in respect of the Exhibitor's assets or where such an application is rejected on the grounds of insufficient assets. The Exhibitor shall inform MDA thereof at once.

11. Exhibits

All exhibits must be listed individually on the registration form giving an exact description. Any display of inflammable or pungent exhibits or exhibits whose demonstration entails noise requires the prior written consent of MDA.

Exhibits may not be removed during the course of the event. The operation and demonstration of exhibits is only admissible within the scope of accepted standards. MDA is neither in charge of nor responsible for questions of licenses, quotas or transfers of sales proceeds.

12. Technical Guidelines

The Technical Guidelines are a constituent part of these Conditions of Participation and must be adhered to. The Technical Guidelines shall be handed over to the exhibitor at the latest with the order form for services.

13. Fair Insurance and Exclusion of Liability

MDA has concluded a general trade fair insurance contract covering the usual insurable risks such as fire, burglary, theft, breakage, leakage and water damage, including the risks of transportation to and from the fairgrounds. On application, each Exhibitor can have his participation risk covered at his own expense under this general insurance contract. On request a corresponding form will be sent to the Exhibitor under separate cover together with the service package offer.

Exhibitors who do not avail themselves of the insurance cover offered by this general insurance contract in time, acknowledge in respect of the MDA that they waive all right to asserting any claims for damages which would have been covered, had they taken out the insurance protection offered. All damages incurred must be reported in writing to the police and to the insurance broker (also by telex or telefax). Incidences of fire, theft and burglary must be reported to the trade fair management and the police within 24 hours of such occurrence.

MDA and her affiliated companies are liable for personal injury and damage to property only in the case of wilful intent or gross negligence on its part or the part of its servants. It accepts no duty to exercise proper care with respect to exhibits and/or stand fittings. This exclusion is in no way limited by the security measures provided or decoration services undertaken in individual cases. The Exhibitor is liable for all damages caused to third parties as a result of his trade fair participation, including damages to buildings on the fairgrounds and to the exhibition halls and/or their furniture and fittings, save where such damages are covered by a local third-party indemnity insurance.

14. Circulars

Once the stand areas have been allocated, the Exhibitors shall receive circulars giving information on preparations for the staging of the fair. Any consequences arising from disregarding these circulars shall be borne by the Exhibitors.

15. Reservations

Any rules and regulations of the host country or the local contractual partner differing from these Conditions or Participation or imposing additional restrictions shall have precedence at all times. MDA shall not be liable for any resulting losses or other disadvantages to the Exhibitor.

MDA shall be entitled to postpone, curtail, extend or cancel the event and to close individual or all sections of the fair temporarily or permanently due to Act of God, force majeure, orders/directives imposed by any Government authority or any other unforeseen circumstances. Should it become necessary to postpone, curtail, extend or cancel the event, the Exhibitor shall not be entitled to withdraw from the contract or claim compensation: should be nevertheless waive his right to the stand area allocated to him, Item 10 of the Conditions of Participation shall apply. MDA shall not be liable for any losses sustained or disadvantages suffered by the Exhibitor as a result of postponement, curtailment, extension or cancellation. Rather, the Exhibitor shall in such case be required to bear a reasonable share of the costs incurred by MDA in preparing for the event.

Where the Exhibitor has placed orders with MDA for services supplementary to those covered by the participation fee (Item 6), he shall be billed for the costs incurred until this point in time.

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16. Copyright

The Exhibitor gives permission to the Organizers to publish before, during and after the Exhibition any and all press releases, photographs, product information, and brochures sent to them for the purpose of obtaining publicity for the Exhibition and/or Exhibitor.

The Exhibitor guarantees that all graphic elements, designs and photos are either:

- 1) original material,
- 2) paid for by the Exhibitor or,3) already in the public domain such that MDA cannot be
- sued for copyright violation.

17. Final Provisions

In submitting the registration, the Exhibitor agrees to be bound by these Conditions of Participation. Any other agreements, individual permits or special arrangements shall require written confirmation by MDA.

The English text shall be binding. Failing other arrangements subject to the prior consent of MDA, place of performance for payments is Singapore.

Should any of the above items be or become invalid, this shall not affect the validity of the remaining terms. The resulting gaps shall be filled in such a way as to maintain the sense and purpose of the contract. Any claims of the Exhibitor as against MDA shall be barred after six months. The period of limitation shall commence with the end of the month in which the event closed.

All costs and expenses (including legal costs on a full indemnity basis) incurred by MDA in the recovery of any monies payable to it by the Exhibitor or in the enforcement of any terms of these conditions shall be borne by the Exhibitors.

Time shall be of the essence of the contract in relation to all provisions of these conditions as shall relate to the payment of any monies from the Exhibitor to MDA.

All notices, demands or other communications required or permitted to be given or made under these Conditions shall be in writing and delivered personally or sent by prepaid registered post of by facsimile addressed to the intended recipient thereof at its address specified in these Conditions or in the Application Form (as the case may be), or such other address notified by such party. Any such notice, demand or communication shall be deemed to have been duly served (if delivered personally or given or made by facsimile) immediately or (if given or made by letter) two days after posting and in proving the same it shall be sufficient to show that the envelope containing the same was duly addressed, stamped and posted.

These Conditions and the contract arising therefrom shall be governed by and construed in accordance with the laws of Singapore. The parties hereto irrevocably submit for all purposes of or connection with any matter or issue relating to these Conditions and the contracts arising therefrom (including disputes relating to the cheques and drafts issued in payment of any sum due to these Conditions) to the non-exclusive jurisdiction of the courts of Singapore or the courts of the country in which the registered office of the Exhibitor is situated. The parties hereto irrevocably waive any objection which it may have now or hereafter to the laying of the venue of any proceedings in such court as is referred to herein and any claim that any such proceedings have been brought in an inconvenient forum.

