

Product specific requirements: 010. Underwear woven

Version: 3.0
Last update: 01.09.2021

Material	Material Art	Products	Age Group	HS Code
textiles	Woven	Tops, Undershirts, Night suits, Nightwear, Bathing dress, Nightdress	women, men kids, baby	6207, 6208



No	Parameter	Method	Reference	Age group	Requirement	Materials			
						Plastics - PU, PVC, Rubber, TPU	Textiles Natural	Textiles Synthetic	PU Coating, Printing
General & Construction									
1	Fiber composition	EU (Nr) 1007/2011	Ginetex (CH)	/	Single: No tolerance Blends: +/-3% deviation from composition; Max. +/- 2% presence of Extraneous fibers		x	x	
2	Cords and drawstrings on children's clothing	SN EN 14682	SR817.023.41 (CH)	Till 14 years	Must fulfill requirements	Related to the whole product			
Chemical Parameters									
3	Formaldehyde	Textile: DIN EN ISO 14184-1 Leather: DIN EN ISO 17226-2	EU REACH Annex XVII Entry 72 Oekotex	/	Baby till 3 : n.d. Adults Textile: 75 mg/kg		x	x	x
4	pH value	Textile: DIN EN ISO 3071 Leather: DIN EN ISO 4045	Oekotex	/	Textile: Direct Skin Contact: 4.0-7.5 Textile: Indirect Skin Contact: 4.0-9.0 Leather: 3.5-7.5		x	x	
5	Lead in Textile	Non-leather: EN 16711-1 Leather: ISO 17072-2	SR 817.023.41 SR 814.81 (CH)	/	Paints and varnishes: 100 mg/kg; Surface treatment on Textile: Not detected (5mg/kg)	x			x
6	Cadmium in Textile	EN 16711-1	SR 814.81 (CH)	/	Plastic: 100 mg/kg Surface coating/paint on article: 1000 mg/kg	x			x
7	Azo-Dyes* (Appendix)	Textile: DIN EN 14362-1 Leather: DIN ISO 17234-1 4-aminoazobenzene Textile: DIN EN 14362-3 Leather: DIN ISO 17234-1	SR 817.023.41 (CH)	/	max. 30 mg/kg each		x	x	x
8	Phthalates* (Appendix)	ISO 14389	SR 817.023.41	< 36 months	Baby (<36 months) DEHP / DBP / BBP / DIBP / DIHP / DMEP / DiPP / DnPP / DnHP/ DCHP/ DIOP/ DINP/ DIDP/ DNOP: 1000 mg/kg (Each or Total) Other age range: DEHP / DBP / BBP / DIBP / DIHP / DMEP / DiPP / DnPP / DnHP/ DCHP/ DIOP: 1000 mg/kg (Each or Total)	x			x
11	PAHs *(Appendix)	A/PS GS 2019:01 PAK	SR 814.81 (CH)	/	EU PAH each < 0,5 mg/kg / sum < 10 mg/kg Total	x			x
12	Chlorinated paraffins C10-13 (SCCP) (only for plastic, coating)	ISO 18219 GC-MS or GC-ECD;	SR 814.81 (CH)	/	SCCPs limit (flame retardant): no use ; SCCPs limit (other): < 1000 mg/kg;	x			x
13	Organic Tin Compounds (only for plastic, coating)	Textile: ISO 22744-1 Non-textile: CEN ISO/TS 16179	SR 814.81 (CH)	/	Tri-substituted organostannic compounds 1000 mg/kg DBT: 1000 mg/kg DOT: 1000 mg/kg	x			x
14	Dimethylfumarat	ISO/TS 16186	SR 814.81 (CH)	/	0,1mg/kg		x	x	
15	Penta-, Tetra-, Trichlorophenol (PCP / TeCP / TriCP)	Textile / Leather: LFGB § 64 BVL B82.02.8 Leather: ISO 17070; Polyester / polyester-blend / printed fabric: Modified § 64 LFGB BVL B82.02.8 with alkaline digestion	ChemVerbots V Oekotex SR 814.81 (CH)	/	PCP, TeCP: not merely unavoidable impurities ; 5 mg/kg (sum); Baby till 36 mth: 0.05 mg/kg; (sum)		x		x

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Physical Parameter									
16	Weight per m2	Woven. ISO 3801	Manor intern	/	+/- 5%	Related to the whole product			
17	Color fastness to Laundering (washing) (1 Wash)	ISO 105 /C06	Manor intern	/	Grade 4 Polyamide Grade 3-4		x	x	
18	Appearance after washing (1 Wash)	Visual examination	Manor intern	/	Satisfactory No loose fibers, degumming, blistering for adhesive position; No damage, detachment, corrosion, deformation, obvious color change, seam opening after washing.		x	x	
19	Dimensional stability after washing (1 Wash)	ISO 6330	Manor intern	/	+/- 3%		x	x	
20	Color fastness to Perspiration (acid and alkaline)	ISO 105/E04	Manor intern	/	Grade 4		x	x	
21	Color fastness to rubbing, dry	ISO 105/X12	Manor intern	/	Grade 3-4 Dark Microfiber 3 Garment dyeing 3		x	x	
22	Color fastness to rubbing, wet	ISO 105/X12	Manor intern	/	Grade 3 Dark Microfiber 3 Garment dyeing 3		x	x	
23	Color fastness to saliva	DIN 53160-1	Manor intern	Till 3 years (size 50- 98)	Grade 5		x	x	
24	Flammability	EN 1103 EN 14878 Kindernachtwäsche	SR 817.23.41 (CH)	/	no Surface Flash		x	x	
Accessories									
25	Metal Parts with skin contact: Nickel	EN 12472:2020 / EN 1811:2011 + A1:2015	SR 817.023.41 (CH)	/	Nickel: <u>Manor < 0.5 µg/cm²/Week</u>	Related to the whole product			
26	Plastic Parts with skin contact: Cadmium	Non-leather: EN 16711-1	SR 814.81 (CH)	/	Cadmium 100 mg/kg (Swiss Regulation) Manor: 40 mg/kg (Manor Regulation)	x			x

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						Plastics - PU, PVC, Rubber, TPU	Textiles Natural	Textiles Synthetic	PU Coating, Printing
Attachments' strength									
27	Small parts; sharp point, sharp edge	EN-71-1	Manor intern	Till 14 years	(< 36 months) No small parts; (< 14 years) No sharp point; (< 14 years) No sharp edge.	Related to the whole product			
28	Decoration elements	CEN/TS 17394-2	Manor intern	/	Parts ≥6 mm not > 6mm: Parts ≤3 mm not < 3mm: There are 3 new EU standards on safety of children's clothing developed from DIN CEN/TR 16792 Suggest to change the method to below method. CEN/TS 17394-2 Textiles and textile products - Part 2: Safety of children's clothing - Security of attachment of attachment of buttons-test method. CEN/TS 17394-3 Textiles and textile products - Part 3: Safety of children's clothing - Security of attachment of metal mechanically applied press fasteners-test method CEN/TS 17394-4 Textiles and textile products - Part 4: Security of children's clothing- Security of attachment of components except buttons and metal mechanically applied press fasteners-test method	Related to the whole product			
Label									
29	Labeling (with Care Instruction)	EU (Nr) 1007/2011	Ginetex Manor intern	/	Trademark Manufacturer's name (name, address in EU) Made in ... Size (opt. age for children) Care instructions (according to Ginetex) Fiber composition in % (EU 1007/2011) In 1 Swiss official language (DE / IT / FR)	Related to the whole product			
30	Care Instruction	Ginetex	Ginetex Manor intern	/	 Mandatory in following order: washing-bleaching-drying-ironing-professional textile care Opt. Wash with similar colors/ Opt. Wash separately	Related to the whole product			