



Version: 3.0
Last update: 01.09.2021

Material	Material Art	Products	Age Group	HS Code
Fibers, elements of plastic, woven materials	Knitted	Sport suits, jogging wear, sports pants, sport shorts, tennis wear	women, men kids, baby	6112

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	SR 817.023.41 (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)	AfPS GS 2019:01 PAK	SR 814.81 (CH)	/	EU PAH each < 0,5 mg/kg / Total sum < 10 mg/kg	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

Product specific requirements: 008. Sportswear knitted

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Physical Parameter									
16	Weight per m2	Woven. ISO 3801	Manor intern	/	+/- 5%	Related to the whole product			
17	Bursting Strength	ISO 13938-2[KPa]	Manor intern	/	weight ≤ 200 g/m²: 200 kPa weight > 200 g/m²: 300 kPa	Related to the whole product			
18	Seam Bursting Strength Exempt: Elastic, hollow mesh and lace	ISO 13938-2[KPa]	Manor intern	/	≥250	Related to the whole product			
19	Spirality	ISO 16322-2	Manor intern	/	Knitted items: +/- 5% ;		x	x	
20	Stretch and recovery	BS EN ISO 20932-1	Manor intern	/	5% Max Unrecovered Elongation after 1 & 30 minutes		x	x	
21	Color fastness to Laundering (washing)(1 Wash)	ISO 105 C06	Manor intern	/	Grade 4 Polyamide Grade 3-4		x	x	
22	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		
23	Dimensional stability after washing (1 Wash) 1 sample additional!	ISO 6330	Manor intern	/	+/- 5%		x		
24	Color fastness to Perspiration (acid and alkaline)	ISO 105/E04	Manor intern	/	Grade 4		x	x	
25	Color fastness to water	ISO 105/E01	Manor intern	/	Grade 4		x	x	
26	Color fastness to light	ISO 105/B02	Manor intern	/	Grade 4		x	x	
27	Color fastness to rubbing, dry	ISO 105/X12	Manor intern	/	Grade 3-4 Dark Microfiber 3		x	x	
28	Color fastness to rubbing, wet	ISO 105/X12	Manor intern	/	Grade 3 Dark Microfiber 2-3		x	x	
29	Color fastness to saliva	DIN 53160-1	Manor intern	Till 3 years (size 50- 98)	Grade 5		x	x	
30	Pilling Martindale (Only for flat knitting) Only for the front. Exempt: sanding, raising, flocking on the front ; hollow mesh, lace structures.	ISO 12945-2 (1000 revs.)	Manor intern	/	Grade 3-4 after 1000 revs		x	x	

Product specific requirements: **008. Sportswear knitted**



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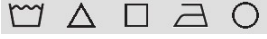
No	Parameter	Method	Reference	Age group	Requirement	Materials			
						Plastics - PU, PVC, Rubber, TPU	Textiles Natural	Textiles Synthetic	PU Coating, Printing
Accessories									
31	Metal Parts with skin contact: Nickel	EN 12472:2020 / EN 1811:2011 + A1:2015	SR 817.023.41 (CH)	/	Nickel: <u>Manor < 0,5 µg/cm²/Week</u>	Related to the whole product			
32	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
33	Zipper strength	BS EN 16732	Manor intern	/	Shall comply to test standard requirement Example BS EN 16732 Performance code C -Puller attachment test: 200N -Reciprocating test: 500 minimum cycles without failure -Lateral strength test: 250N - Torque strength min 0.34 Nm Performance code depends on the end use of product	Related to the whole product			
Functional Parameters									
34	Antibacterial - Anti odor (If claimed)	JIS L 1902	Manor intern	/	Antibacterial Activity Value ≥ 2.2		x	x	
35	Horizontal Wicking (If claimed)	Ref. ASTM D5802	Manor intern	/	Minimum 0.035 g/sec		x	x	
36	Drying Rate (If claimed)	AATCC 201	Manor intern	/	Minimum 1 mL/hr		x	x	
37	Water Vapor Permeability (If claimed)	ASTM E96 Procedure B	Manor intern	/	Min. 900 g/m2/24hr		x	x	
38	Thermal resistance	BS 4745	Manor intern	/	As claim		x	x	

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						Plastics - PU, PVC, Rubber, TPU	Textiles Natural	Textiles Synthetic	PU Coating, Printing
Attachments' strength									
39	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			
40	Decoration elements	CEN/TS 17394-2	Manor intern	/	Parts ≥6 mm not > 6mm: 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									
41	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			
42	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			