

Product specific requirements: 006. Polo & Sweatshirts



Version: 3.1
Last update: 26.05.2022

Material	Material Art	Products	Age Group	HS Code
Fibers, elements of plastic, woven materials	Knitted	2nd layer T-Shirts, Shirts, Polo Shirt, Sweatshirts,	women, men kids, baby	6105, 6106

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 fulfil 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)	AIPS GS 2019:01 PAK	SR 814.81 (CH)	/	EU PAH each < 0,5 mg/kg / Total sum < 10 mg/kg	x			x
12	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
13	Dimethylfumarat	ISO/TS 16186	SR 814.81 (CH)	/	0,1mg/kg		x	x	
14	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
Physical Parameter									
15	Weight per m2	Woven. ISO 3801	Manor intern	/	+/- 5%	Related to the whole product			

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						Plastics - PU, PVC, Rubber, TPU	Textiles Natural	Textiles Synthetic	PU Coating, Printing	
16	Bursting Strength Exempt: Elastic, hollow mesh and lace	ISO 13938-2[KPa]	Manor intern	/	For Sweatshirt (weight > 200 g/m ²): ≥300 For Shirts, Polo /weight ≤ 200 g/m ²) ≥ 200	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) 1 sample additional!	ISO 6330	Manor intern	/	+/- 5% Hollow mesh, lace and loose structures are exempt. Elastic knits are exempt in the weft direction.		x	x		
20	Spirality	ISO 16322-2	Manor intern	/	+/- 5%		x	x		
21	Color fastness to Perspiration (acid and alkaline)	ISO 105/E04	Manor intern	/	For Polos, T-Shirts: Grade 3-4;		x	x		
22	Color fastness to water	ISO 105/E01	Manor intern	/	Grade 3-4		x	x		
23	Color fastness to rubbing, dry	ISO 105/X12	Manor intern	/	Grade 3- 4 Dark Microfiber, Pigment , Indigo - 3 „peached“ Flor ware- 3 Garment dyeing -3		x	x		
24	Color fastness to rubbing, wet	ISO 105/X12	Manor intern	/	Grade 3 Dark Microfiber, Pigment , Indigo 2-3 „peached“ Flor ware- 2-3 Garment dyeing -3		x	x		
25	Color fastness to saliva	DIN 53160-1	Manor intern	Till 3 years (size 50- 98)	Grade 5		x	x		
26	Colour Fastness to Light	ISO 105/B02	Manor intern	/	Grade 4		x	x		
27	Pilling Martindale (Only for flat knitting)	ISO 12945-2 (1000 revs.) (1 wash)	Manor intern	/	Grade 3 -4		x	x		
Accessories										
28	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				
29	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	
Attachments' strength										
30	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				

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31	Decoration elements	CEN/TS 17394-2	Manor intern	/	<p>Parts ≥6 mm not > 6mm:</p> <p>CEN/TS 17394-2 Textiles and textile products - Part 2: Safety of children's clothing - Security of attachment of attachment of buttons-test method.</p> <p>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</p> <p>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</p>	Related to the whole product				
Label										
32	Labeling (with Care Instruction)	EU (Nr) 1007/2011	Ginetex Manor intern	/	<p>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)</p>	Related to the whole product				
33	Care Instruction	Ginetex	Ginetex Manor intern	/	 <p>Mandatory in following order: washing-bleaching-drying-ironing-professional textile care Opt. Wash with similar colors/ Opt. Wash separately</p>	Related to the whole product				
34	Marking for fur or leather details/ parts	EU 17211	EU 1007/2011	/	<p>D: "Enthält nichttextile Teile tierischen Ursprungs" F: "Contient des parties non textiles d'origine animale" IT: "Contiene parti non tessili di origine animale" E: "Contains non-textile parts of animal origin"</p>	Related to the whole product				