

Product specific requirements: **004. Shirts, Tops, Blouses, woven**

Version: 3.1
Last update: 26.05.2022

Material	Material Art	Products	Age Group	HS Code
textile material	Woven	Business Shirt, Shirts, Tops, Blouses, Vests	women, men kids	6205, 6206



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	Oekotex	/	Textile: Direct Skin Contact: 4.0-7.5 Textile: Indirect Skin Contact: 4.0-9.0		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

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9	Allergenic Disperse Dyes* (Appendix)	DIN 54231	SR 817.023.41	/	Not detectable (< 5 mg/kg)		x	x	
10	Navy Blue	In-house method - Analysis was conducted by LC-DAD / LC-MSD ; DIN 54231	SR 817.023.41	/	Not detectable (< 5 mg/kg)		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	Dimethylfuran	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) Annex 1.2	/	PCP, TeCP: not merely unavoidable impurities: 5 mg/kg		x		x

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Physical Parameter										
15	Weight per m2	Woven. ISO 3801	Manor intern	/	+/- 5%	Related to the whole product				
16	Tensile strength	ISO 13934-2 [N]	Manor intern	/	180 N	Related to the whole product				
17	Tear strength	ISO 13937-1 [N]	Manor intern	/	8 N	Related to the whole product				
18	Seam Slippage	ISO 13936/1/ (3mm) [N]	Manor intern	/	60N	Related to the whole product				
19	Seam Strength	ISO 13935-2 [N]	Manor intern	/	light weight - 70-130 g/m ² : 120 N	Related to the whole product				
20	Color fastness to Laundering (washing) (1 Wash)	ISO 105/C06	Manor intern	/	Grade 4 Polyamide Grade 3-4		x	x		
21	Appearance after washing (1 Wash)	In-house method	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		
22	Dimensional stability after washing (1 Wash) 1 sample additional!	ISO 6330	Manor intern	/	+/-3%		x	x		
23	Dimensional stability to Ironing	DIN 53894-2	Manor intern		+/-2.0%					
24	Color fastness to Perspiration	ISO 105/E04	Manor intern	/	Grade 3-4		x	x		
25	Color fastness to rubbing, dry	ISO 105/X12	Manor intern	/	Grade 3-4 Dark 3 For brushed, peached or pile fabric 3		x	x		
26	Color fastness to rubbing, wet	ISO 105/X12	Manor intern	/	Grade 3 Dark 2-3 For brushed, peached or pile fabric 2		x	x		
27	Color fastness to water	ISO 105-E01	Manor intern	/	Grade 3-4		x	x		
28	Color fastness to saliva	DIN 53160-1	Manor intern	Till 3 years (size 50- 98)	Grade 5		x	x		
29	Colour Fastness to Light	ISO 105/B02	Manor intern	/	Grade 4		x	x		
30	Martindale Abrasion	ISO 12947-1/2	Manor intern	/	≥12000 T no damage on fabric face		x	x		

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31	Pilling Martindale Only for the front. Exempt: sanding, flocking on the front ; hollow mesh, lace structures. Except wool items (GB)	ISO 12945-2 (1 wash)	Manor intern	/	Even surface - Grade 4 (2000 revs) raised materials- Grade 3-4 (2000 revs)		x	x		
32	Pilling for Cashmere and cashmere blends	ISO 12945-1/ ISO 6330 (1 wash)	Manor intern	/	Grade 3 (10,800 revs) (With cashmere or >50%-100% for Lambs wool, Angora, Mohair and Cashmere rich blends)		x			
33	Pilling for wool on other animal fibers	ISO 12945-1/ ISO 6330 (1 wash)	Manor intern	/	Grade 3-4 (10,800 revs)		x			
Accessories										
34	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				
35	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										
36	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				
37	Decoration elements	DIN CEN /TR 16792; EN 71-1	Manor intern	Till 14 years	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										

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38	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			
39	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			
40	Marking for fur or leather details/ parts	EU 17211	EU 1007/2011	/	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"	Related to the whole product			