

Product specific requirements: 012. Socks & Hosiery

Version: 3.0
Last update: 01.09.2021

Material	Material Art	Products	Age Group	HS Code
textiles	Knitted	Socks, sports socks, pantyhose, cuffs, Baby socks knitted	women, men kids, baby	6115




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 (SGS) Blends: +/-3% deviation from composition; Max. +/- 2% presence of Extraneous fibers		x	x	
Chemical Parameters Adults and Kids									
2	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	
3	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	
6	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	
Chemical Parameters additional for Kids with PU-Coating (ABS socks)									
7	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
8	Cadmium in Textile	EN 16711-1	SR 814.81 (CH)	/	Plastic: 100 mg/kg Surface coating/paint on article: 1000 mg/kg		x		x
9	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
10	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
11	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
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	x

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						Plastics - PU, PVC, Rubber, TPU	Textiles Natural	Textiles Synthetic	PU Coating, Printing
Physical Parameter									
14	Color fastness to Laundering (washing)	ISO 105/C06	Manor intern	/	Grade 4		x	x	
15	Color fastness to Perspiration (acid and alkaline)	ISO 105/E04	Manor intern	/	Grade 4		x	x	
16	Color fastness to rubbing, dry	ISO 105/X12	Manor intern	/	Grade 4		x	x	
17	Color fastness to rubbing, wet	ISO 105/X12	Manor intern	/	Grade 3		x	x	
18	Color fastness to saliva	DIN 53160-1	Manor intern	Till 3 years (size 50- 98)	Grade 5		x	x	
19	Martindale Abrasion	EN 13770	Manor intern	/	≥10,000 revs		x	x	
20	Pilling	ISO 12945-1/ ISO 6330 (1 wash)	Manor intern	/	Grade 3-4 (10,800 revs) Wool: Grade 3 (10,800 revs)		x	x	
Label									
21	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			
22	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			