

Product specific requirements: **131. Fashion accessories**

Version: 3.0  
Last update: 13.04.2022

Material	Products for adults & children	Remark
plastic, metal	anklet, bangle, bracelet, earrings, necklace, ring, pendant, brooch, cuff link, hair clips	Not applicable for toys, watches, jewellery from precious metals



No	Parameter	Method	Reference	Requirement					
<b>General Requirements</b>									
1	Workmanship	In House	-	Product and its components must meet the requirements on design and quality according to information offered by producer  Sample shall be: - Without major defects - Without components missing, deformed or fractured - Without hardware missing - Without pits or burrs and weld smoothly filed / grounded - Without loose components or loosened fastening where rigidity is required - With proper and uniform adhesion in wooden parts - Without scratches, dents, cracks, marred or discolored surface - Without flash and consistent in size, color and form for plastic parts - With finished edges and seams - Even in color & clarity - Evenly aligned in seams and components					
2	Sharp Points and Edges	With reference to EN 71-1 (Mod.)	-	Sample as received shall be without sharp points or edges on any components other than those required for functional use. - Modification: Expand scope  Visual Check; Requirements only for children till 14 Years					
3	Claim Verification	Actual use	-	Chain: Proper & Claimed Length  Visual Check; Must comply with all claims (if any).					
4	Actual Use & Functionality	Actual Use	-	Shall function as intended as received.					
5	Instruction Manual and Labelling	817.023.41 (LGV)/ EC 2001/95/EC	-	The name or trade name and the address or registered office of the party that is responsible for placing the materials or articles on the market  - in a clearly visible place; - in easily readable and indelible writing; - in at least one official language (GE/IT/FR). - Place: on the product, or on a label or on a leaflet.					
6	Labelling	Manor internally/ 930.11	-	- Manufacturer information / Importer; - Address - Product identification information - Warning and safety instructions (if any) - Operating instructions (if any)					
<b>Chemical Requirements</b>									
				Metals      Plastics      Leather Natural      Synthetic or Coated Leather      Textile					
7	Nickel release	SN EN 16128:2011 Coated item: EN 12472:2020	SR 817.023.41 (CH)	Manor < 0.5 µg/cm <sup>2</sup> /Week Earrings < 0.2 µg/cm <sup>2</sup> /Week CH/EU Law: < 0,88 mg/cm <sup>2</sup> (prolonged and direct contact with the skin)  For prolonged and direct contact with the skin	x				
8	Lead	In-House Method, AAS- or ICP-Analyses	SR 817.023.41 (CH)	CH Law: 500 mg/kg SGS recommendation: 100 mg/kg  NEW from 2018: all accessible parts smaller than 5cm (total L, B, W) which can be put into the mouth by small kids till 36 months.	x			x	x
9	Cadmium	EN 1122:2002; Acid digestion / AAS or ICP	SR 817.023.41 (CH)	100 mg/kg In CH related only for: Jewellery	x			x	x
10	Phthalates	ISO 14389	SR 817.023.41 EU REACH Annex XVII	DEHP+DBP+BBP < 0,1% (Total) DINP+DIDP+DNOP < 0,1% (Total)  < 36 months obligatory by Law; for adults-recommended		x		x	x

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11	Lead (Pb), total content	Acid digestion / AAS or ICP	SR 817.023.41 EU REACH Annex XVII	Paints and varnishes, Plastic: 100 mg/kg Manor: Baby till 36 mth: 40mg/kg;	x			x	
12	Cadmium (Cd), total content	EN 1122 Method B; EN 16711-1	SR 817.023.41 EU REACH Annex XVII	Paints and varnishes & in Plastic: 100 mg/kg Manor Regulation: 40 mg/kg	x				
14	Polycyclic aromatic hydrocarbons (PAH)	AfPS GS 2019:01 PAK	SR 817.023.41 EU REACH Annex XVII	Requirement of 0.5 mg/kg each PAH	x			x	x
15	Organic Tin Compounds (expressed as tin)	Solvent Extraction / GC-MS	SR 817.023.41 SR 814.81 (CH); Annex XVII, REACH	CH Law: DOT< 1000 mg/kg by weight of tin; EU Law (REACH): DBT, DOT, TBT, TPhT< 1000 Manor (Oekotex): TBT, TPhT: 1 mg/kg // DBT, DOT, MBT:2mg/kg	x				
16	Short Chain Chlorinated Paraffin C10-13 (SCCP)	ISO 18219 / GC-NCI-MS / GC-ECD AfPS GS 2014:01 PAK, GC-MS analysis	SR 814.81 (CH) Regulation (EC) No 2019/1021 SR 817.023.41	≤ 0.15% (Articles) SCCPs CH limit: < 1000 mg/kg Manor (Oekotex): 100 mg/kg	x			x	x
19	AZO	DIN ISO 17234-1 4-aminoazobenzene DIN ISO 17234  DIN EN 14362-1:2017; 4-aminoazo-benzene DIN EN 14362-3:2017	SR 817.023.41	max. 30 mg/kg each			x		x
20	Formaldehyde	DIN EN ISO 17226-2 DIN EN ISO 14184-1	BGVO (EU) Oekotex	Leather: 150 mg/kg  Baby till 3: n.d. Adults Textile: 75 mg/kg			x		x
21	Chrome VI (after aging)	ISO 17075-2:2017 Conditions: 80°C, 24hrs, < 5% humidity)	SR 814.81(CH)	< 3 mg/kg			x		
22	Penta-, Tetrachlorophenol(PCP/TeCP)	LFGB § 64 BVL B82.02.8	SR 814.81(CH)	PCP, TeCP: not merely unavoidable impurities: 5 mg/kg Manor (Oekotex): Baby <36 mth: 0.05 mg/kg;			x		x
23	Dimethylfumarat	(EG) Nr. 1907/2006	SR 814.81 (CH)	0,1 mg/kg			x		
24	Organic Tin Compounds	ISO 17353, GC-MS analysis	SR 817.023.41 SR 814.81 (CH)	CH Law: DOT< 1000 mg/kg EU REACH Law: DBT, DOT, TBT, TPhT< 1000 mg/kg Manor (Oekotex): TBT, TPhT: 1 mg/kg // DBT, DOT, MBT: 2 mg/kg  by weight of tin;				x	x

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<b>Performance Testing</b>				
25	Resistance to Rubbing	SGS In-house Method	-	The printed surface shall show no significant wear after 40 cycles of abrasion using CS-10 abrasive with 600g vertical loading at the speed of 25/cycle per minute. Note: Taber Linear Abrasor is preferred.
26	Resistance to Corrosion (for items with metal part)	ISO 9227	-	After 24 hours in 5% salt spray (fog), there shall be no major discoloration in appearance or any major corrosion that would affect the overall product performance.
27	Cross Cut Adhesion (for metal plating only)	SGS In-house Method	-	Cut cross – hatch pattern on surface of plated item, plating must remain affixed
<b>Performance Testing</b>				
28	Drop Impact Test (if applicable)	Actual use	-	No release of any component in 3 drops on vinyl clad concrete floor from 36-inch height.
29	Clasp durability (if applicable)	Actual use	-	After 100 cycles, the force required to fully open the clasp shall not be less than 80% of the initial pre-cycle actuation force.
30	Setting Strength (if applicable)	Actual use	-	Shall meet a minimum force of 3 pounds to remove gemstone, pearl, rhinestone, shells, beads etc. from its setting
<b>Mechanical Parameters (for anklet, bangle, bracelet, earrings, necklace, ring, pendant, brooch, cuff link)</b>				
31	Anklet, Necklace, Bracelet (if applicable)	Actual use	-	Chain & Chain-Clasp tension test - Shall meet a minimum of 5 lbs. regardless of wire diameter or construction type.
32	Bangle (if applicable)	Actual use	-	Hinged-bangle tension test - Shall meet a minimum of 5 lbs. regardless of wire diameter or construction type. Compression dent test - Shall meet a minimum of 5 lbs. when denting or permanent deformation is observed.
33	Elongation and recovery (Applicable for elastic items)	Actual use	-	Stretch bracelet to 120%, hold for 30 seconds and allow to recover. Minimum +/-2% of original length after 10 cycles.
34	Earrings (if applicable)	Actual use	-	Earring tension & dent test - Shall meet a minimum force of 5 lbs. regardless of wire diameter or construction type. Earring hook bend - The tensile force required to bend the hook of the earring shall be 3.0 to 10.0 lbs. Earring snap bar - The minimum force for operation (open and close) of earring snap bars shall be 0.25 to 0.5 lbs. Earring back pull test - The force required to slide the earring back along the post shall be between 0.22 - 0.55 lbs., not including the detent area.
35	Pendant/ Brooch/ Cuff link (if applicable)	Actual use	-	Tension test - Shall meet a minimum of 5 lbs. regardless of wire diameter or construction type. Compression dent testing - Shall meet a minimum of 5 lbs. when denting or permanent deformation is observed. Compression bending test - Shall take 3 lbs. or more to deflect the item 0.12 inches from its original flat position.
36	Ring (if applicable)	Actual use	-	Compression dent & collapse test - Shall meet a minimum of 5 lbs. when denting/ collapse or permanent deformation is observed.

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No	Parameter	Method	Reference	Requirement
<b>Mechanical Parameters (other products)</b>				
37	Pull Test on Attachment and Mechanical Parts (if applicable)	SGS In-house Method	-	Shall withstand 10 lbs. tensional pull without failure. No detached parts, accessible sharp edges or non-functional sharp points.
38	Compression Strength	SGS In-house Method	-	The sample shall sustain 10lbs compression without deformation.
39	Cyclic Durability of Rotating / Moving Components (including fastening)	SGS In-house Method	-	Each rotating / moving component (including fastening) shall sustain 100 cycles of operations without failure and able to provide a smooth uniform operation after the test.
<b>Fabric Testing</b>				
40	Colorfastness To Perspiration	BS EN ISO 105E04	-	Shall comply with the requirement in grade 3 -4 or above
41	Colorfastness To Light	ISO 105 B02	-	Grade 3-4 or above
42	Colorfastness To Rubbing	EN ISO 105-X12	-	Dry – 3-4 Wet – 3
43	Colourfastness To Saliva	LMBG B 82.10-1/ EN 2105-A03	-	Grade 5 (applicable only for small children < 36 mth)
<b>Packaging</b>				
44	Heavy metals	Acid digestion, ICP or AAS analysis	SR 814.81 94/62/EG	100 mg/kg (sum) (Pb, Cd, Cr, Hg)  In recommendation to DE Packaging Ordinance