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饰品配件

Adornment accessories

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前　言

本文件按照GB/T 1.1—2020《标准化工作导则 第1部分：标准化文件的结构和起草规则》的规定起草。

请注意本文件的某些内容可能涉及专利。本文件的发布机构不承担识别专利的责任。

本文件由义乌市中国小商品城商会提出并归口。

本文件起草单位：浙江中国小商品城集团股份有限公司国际商贸城第一分公司、义乌小商品城饰品配件行业商会、义乌市标准化研究院、义乌市陈明饰品有限公司、义乌市全新五金厂、义乌市稠城姿英饰品配件商行、义乌市小彬饰品配件商行、义乌市薇蒽饰品厂、义乌市照达饰品配件有限公司、义乌市稠城鹏利饰品配件店、义乌市恒阳饰品配件商行、义乌市宇航饰品配件商行、永嘉县万马钮扣有限公司、东阳市万兴饰品有限公司、义乌市蝶蕊饰品厂、国家日用小商品质量监督检验中心。

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本文件由义乌市中国小商品城商会负责解释。

饰品配件

1 范围

本文件规定了饰品配件的分类、技术要求、试验方法、检验规则、标志、包装、运输和贮存。

本文件适用于在我国境内生产、销售的，以塑料和塑胶、金属、工艺水晶、纺织品、皮革、人造革及其他材质为主要原料制成的用于组装成饰品的配件。

2 规范性引用文件

下列文件中的内容通过文中的规范性引用而构成本文件必不可少的条款。其中，注日期的引用文件，仅该日期对应的版本适用于本文件；不注日期的引用文件，其最新版本（包括所有的修改单）适用于本文件。

GB/T 2912.1 纺织品 甲醛的测定 第1部分:游离和水解的甲醛(水萃取法)

GB/T 3920 纺织品 色牢度试验 耐摩擦色牢度

GB/T 3922 纺织品 色牢度试验 耐汗渍色牢度

GB/T 4615 聚氯乙烯 残留氯乙烯单体的测定 气相色谱法

GB/T 4841.3 染料染色标准深度色卡2/1、1/3、1/6、1/12、1/25

GB/T 5270 金属基体上的金属覆盖层 电沉积和化学沉积层 附着强度试验方法评述

GB/T 5713 纺织品 色牢度试验 耐水色牢度

GB 6675.2—2014 玩具安全 第2部分:机械与物理性能

GB/T 7573 纺织品 水萃取液pH值的测定

GB/T 7962.1 无色光学玻璃测试方法 第1部分:折射率和色散系数

GB/T 7962.12 无色光学玻璃测试方法 第12部分:光谱内透射比

GB/T 8948—2008 聚氯乙烯人造革

GB/T 10125 人造气氛腐蚀试验 盐雾试验

GB/T 14644 纺织品 燃烧性能45°方向燃烧速率的测定

GB/T 16553 珠宝玉石 鉴定

GB/T 16921 金属覆盖层 覆盖层厚度测量 X射线光谱方法

GB/T 17592 纺织品 禁用偶氮染料的测定

GB 18401—2010 国家纺织产品基本安全技术规范

GB/T 18781—2008 珍珠分级

GB/T 18886 纺织品 色牢度试验 耐唾液色牢度

GB/T 19719 首饰 镍释放量的测定 光谱法

GB/T 19941.1 皮革和毛皮 甲醛含量的测定 第1部分：高效液相色谱法

GB/T 19942 皮革和毛皮 化学试验 禁用偶氮染料的测定

GB/T 20388 纺织品 邻苯二甲酸酯的测定 四氢呋喃法

GB 21550—2008 聚氯乙烯人造革有害物质限量

GB/T 22048 玩具及儿童用品中特定邻苯二甲酸酯增塑剂的测定

GB/T 23344 纺织品 4-氨基偶氮苯的测定

GB/T 28019 饰品 六价铬的测定 二苯碳酰二肼分光光度法

GB/T 28020 饰品 有害元素的测定 X射线荧光光谱法
GB/T 28021 饰品 有害元素的测定 光谱法
GB 28480—2012 饰品 有害元素限量的规定
GB 28485 镀层饰品 镍释放量的测定 磨损和腐蚀模拟法
GB/T 28796—2012 工艺水晶饰品
GB/T 30157 纺织品 总铅和总镉含量的测定
GB/T 31912—2015 饰品 标识
GB/T 32022—2015 贵金属覆盖层饰品
GB/T 33392 皮革和毛皮 化学试验 禁用偶氮染料中 4-氨基偶氮苯的测定
FZ/T 82006 机织配饰品
LY/T 2872 木制珠串
QB/T 3831 轻工产品金属镀层和化学处理层的抗变色腐蚀试验方法 硫化氢试验法

3 术语和定义

GB 28480、GB 18401、GB/T 31912、GB/T 28796、GB 6675.2 界定的术语和定义适用于本文件。

4 分类

按不同材质，饰品配件分为：塑料和塑胶配件、金属配件、工艺水晶配件、纺织品配件、皮革、人造革配件及其他材质配件。

5 技术要求

5.1 塑料和塑胶配件

5.1.1 外观

5.1.1.1 配件应不存在明显缺陷。
5.1.1.2 同规格型号产品图案形状一致、无色差。
5.1.1.3 表面应无毛刺或飞边、锐点、利边，无明显刮痕、污迹、残缺、气泡。
5.1.1.4 有喷涂层时要求漆层均匀、光亮、光滑，漆膜不允许有密集脏点，不允许有流漆现象。

5.1.2 物理性能

物理性能应符合表 1 的规定。

表 1 物理性能

项目	要求
边缘[a]	配件边缘、边角或分模线不应有危险的锐利的毛边或溢边，或加以保护使之不可触及
尖端[a]	儿童饰品用配件按6.1.2.1测试时，不应是危险锐利尖端
[a] 仅针对儿童饰品用配件考核此项指标。	

5.1.3 有害物质限量

有害物质限量应符合表 2 的规定。

表 2 有害物质限量

项目			要求
铅/(mg/kg)			≤1000
镉/(mg/kg)			≤100
邻苯二甲酸[a]/%	邻苯二甲酸二(2-乙基己基)酯（DEHP）	CAS 117-81-7	三种邻苯二甲酸酯类物质总含量≤0.1
	邻苯二甲酸二正丁酯（DBP）	CAS 84-74-2	
	邻苯二甲酸丁基苄基酯（BBP）	CAS 85-68-7	
	邻苯二甲酸二正辛酯（DNOP）	CAS 117-84-0	三种邻苯二甲酸酯类物质总含量≤0.1
	邻苯二甲酸二异任酯（DINP）	CAS 68515-48-0	
		CAS 28553-12-0	
	邻苯二甲酸二异葵酯(DIDP)	CAS 26761-40-0	
		CAS 68515-49-1	
注：对于单一样品的单一材料的取样量不足10 mg时不适用。			
[a] 仅针对儿童饰品用配件考核此项指标。			

5.2 金属配件

5.2.1 外观

5.2.1.1 造型应符合图纸（或实样）的要求。
5.2.1.2 表面不应存在影响外观及潜在危险的缺陷。
5.2.1.3 焊接应无虚焊、漏焊、冷焊、杂质及明显焊疤。
5.2.1.4 活动及弹性配件应灵活，孔轴件组合时应相互吻合。

5.2.2 物理性能

物理性能应符合表 3 的规定。

表 3 物理性能

项目	质量要求							
	贵金属覆盖层配件						铜锡合金覆盖层配件	
	微层镀金饰品	薄层镀金饰品	包金、镀金饰品	薄层镀银饰品	包银、镀银饰品	铑覆盖层饰品	白铜锡（仿白金）覆盖层饰品	黄铜锡（仿金）覆盖层饰品
金属覆盖层厚度，h/μm	0.02≤h＜0.05	0.05≤h＜0.50	h≥0.50	1.00≤h＜2.00	h≥2.00	h≥0.03	h≥1	h≥0.4
抗变色腐蚀性	—			硫化氢腐蚀试验8 h不变色		—		
附着强度	附着强度测试覆盖层与基材无分离（包金、包银覆盖层饰品除外）							

表 3 （续）

项目	质量要求							
	贵金属覆盖层配件						铜锡合金覆盖层配件	
	微层镀金饰品	薄层镀金饰品	包金、镀金饰品	薄层镀银饰品	包银、镀银饰品	铑覆盖层饰品	白铜锡（仿白金）覆盖层饰品	黄铜锡（仿金）覆盖层饰品
耐腐蚀性	中性盐雾腐蚀试验，抗腐蚀时间应不低于20 h							
边缘[a]	不应有可触及的锐利边缘							
尖端[a]	不应有可触及的锐利尖端，因功能必不可少时允许存在功能性锐利尖端（如耳饰中的针、胸针等）							
注：表中贵金属覆盖层厚度以纯金、纯银、纯铑的厚度表示。								
[a] 仅针对儿童饰品用配件考核此项指标。								

5.2.3 有害元素的限量

5.2.3.1 镍

5.2.3.1.1 用于耳朵或人体的任何其他部位穿孔，在穿孔伤口愈合过程中使用的配件，其镍释放量应小于 0.2 μg/（cm^2 • week）。

5.2.3.1.2 用于制成下列饰品的配件如：

——耳环；

——项链、手镯、手链、脚链、戒指；

——手表表壳、表链、表扣；

——按扣、搭扣、铆钉、拉链和金属标牌（如果不是钉在衣服上）。

这些配件与皮肤长期接触部分的镍释放量应小于0.5 μg/（cm^2 • week）。

5.2.3.1.3 5.2.3.1.2 中所指定的制品如表面有镀层，其镀层应保证与皮肤长期接触部分在正常使用的两年内，镍释放量小于 0.5 μg/（cm^2 • week）。

5.2.3.1.4 除上述 5.2.3.1.1、5.2.3.1.2、5.2.3.1.3 中所列明的，其他同类配件应达到同样要求，否则不应进入市场。

5.2.3.2 其他有害元素

5.2.3.2.1 金属配件中有害元素的总含量应小于或等于表 4 中相应元素的最大限量要求。

表 4 金属配件中有害元素总含量的最大限量

元素	砷 As	铬（六价） Cr^{6+}	汞 Hg	铅 Pb	镉 Cd
最大限量W_{max}/（mg/kg）	1000	1000	1000	1000	100

5.2.3.2.2 儿童饰品用金属配件中铅的总含量应小于或等于 300 mg/kg，其他有害元素的总含量应符合表 4 的要求，其溶出量还应小于或等于表 5 中相应元素的最大限量要求。

表 5 儿童饰品用金属配件有害元素溶出量的最大限量

元素	锑 Sb	砷 As	钡 Ba	镉 Cd	铬 Cr	铅 Pb	汞 Hg	硒 Se
最大限量/(mg/kg)	60	25	1000	75	60	90	60	500

5.3 工艺水晶配件

5.3.1 外观

外观应符合表6的规定。

表 6 外观

项目		要求
加工性能	整体外观	不应有明显碎口、裂痕、杂质；允许有不明显小抛光纹；粘接部位无明显痕迹；立体感强
	雕刻线条	线条尚清晰，层次尚分明
外观性能	气泡直径/mm	≤0.8
	允许可见气泡数个/100 cm^3	8
	颜色均匀性	颜色应均匀
注：天然水晶、合成水晶仅考核加工性能。		

5.3.2 物理性能

物理性能应符合表7的规定。

表 7 物理性能

项目	要求
颜色稳定性	1 h辐照不变色
表面粗糙度/μm	≤1.0
透过率[a]/%	≥90
折射率偏差	标称值±0.08
边缘	不应有可触及的锐利边缘
尖端	不应有可触及的锐利尖端
[a] 透过率仅适用于无色玻璃。	

5.3.3 有害物质限量

5.3.3.1 成人饰品用配件铅元素总含量应不大于 1000 mg/kg，儿童饰品用配件铅元素总含量应不大于 300 mg/kg。

5.3.3.2 镉元素总含量应不大于 100 mg/kg。

5.4 纺织品配件

5.4.1 外观

5.4.1.1 面料不应有明显的起皱、波纹、起球、钩丝、破洞、磨损、油污渍痕迹。

5.4.1.2 填充物不应出现成束、不匀、破洞、缩团等明显缺陷。

5.4.1.3 包缝线不应脱落、缝纫线不应开线，绣花线迹不应存在明显松弛现象。

5.4.1.4 布边不应出现松散、卷曲，流苏不应散开、凌乱。

5.4.1.5 机织配件使用说明、原材料、规格尺寸允许偏差、色差、外观疵点、缝制、整烫项目应符合 FZ/T 82006 要求。

5.4.2 安全技术要求

纺织品配件的安全技术要求应符合表8的规定。

表 8 安全技术要求

项目		要求		
		A类[a]	B类[a]	C类[a]
甲醛含量/（mg/kg） ≤		20	75	300
pH值[b]		4.0～7.5	4.0～8.5	4.0～9.0
染色牢度[c]/级 ≥	耐水（变色、沾色）	3-4	3	3
	耐酸汗渍（变色、沾色）	3-4	3	3
	耐碱汗渍（变色、沾色）	3-4	3	3
	耐干摩擦	4	3	3
	耐唾液（变色、沾色）	4	—	—
	耐湿摩擦[d]	3（深色2-3）	2-3	—
异味		无		
可分解致癌芳香胺染料[e]/（mg/kg）		禁用		
重金属[f]/（mg/kg） ≤	铅	90	—	—
	镉	100	—	—
邻苯二甲酸酯[g]/% ≤	邻苯二甲酸二(2-乙基)己酯（DEHP）、邻苯二甲酸二丁酯（DBP）和邻苯二甲酸丁基苄基酯（BBP）	0.1	—	—
	邻苯二甲酸二异壬酯（DINP）、邻苯二甲酸二异葵酯（DIDP）和邻苯二甲酸二辛酯（DNOP）	0.1	—	—
燃烧性能[h]		1级（正常可燃性）		—

注1：面积达不到检测方法的取样量时予以豁免。

注2：A类产品不建议进行阻燃处理，如果进行阻燃处理，需符合国家相关法规和强制性标准的要求。

[a] 婴幼儿用饰品配件应符合 A 类要求，直接接触皮肤的饰品配件至少应符合 B 类要求，非直接接触皮肤的饰品配件至少应符合 C 类要求。

[b] 后续加工工艺中必须要经过湿处理的非最终产品，pH值可放宽至4.0～10.5之间。

[c] 对需经洗涤褪色工艺的非最终产品、本色及漂色产品不要求；扎染、蜡染等传统的手工着色产品不要求。

[d] 本色及漂白产品不要求；按GB/T 4841.3规定，颜色大于1/12染料染色标准深度色卡为深色。

[e] 致癌芳香胺清单见GB 18401—2010中附录C，限量值≤20 mg/kg。

[f] 仅考核含有涂层和涂料印染的织物，指标为铅、镉总量占涂层或涂料质量的比值。

[g] 仅考核含有涂层和涂料印染的织物。

[h] 仅考核产品的外层面料；羊毛、腈纶、改性腈纶、锦纶、丙纶和聚酯纤维的纯纺织物，以及由这些纤维混纺的织物不考核；单位面积质量大于 90 g/m^{2}的织物不考核。

5.5 皮革、人造革配件

5.5.1 皮革

5.5.1.1 外观

5.5.1.1.1 光面革革面应平整光滑，无露底、裂浆、裂面。

5.5.1.1.2　绒面革绒应毛细致均匀，无油腻感。

5.5.1.1.3　皮革应柔软，无色花，厚薄、色泽、粒面细度应基本一致。

5.5.1.1.4　颜色应基本均匀，不脱色，不应有明显印道、折痕。

5.5.1.2　有害物质限量

安全技术要求应符合表 9 的规定。

表 9　有害物质限量

项目	要求
可分解有害芳香胺染料[a]/(mg/kg)	≤30
游离甲醛/(mg/kg)	≤300
注：面积达不到检测方法的取样量时予以豁免。	
[a] 被禁芳香胺名称见GB 20400—2006附录A，如果4-氨基联苯和（或）2-萘胺的含量超过30 mg/kg，且没有其他的证据，以现有的科学知识，尚不能断定使用了禁用偶氮染料。	

5.5.2　人造革

5.5.2.1　外观

外观应符合表 10 的规定。

表 10　外观

项目	要求
花纹及色差	花纹清晰、深浅一致、无色差
边陷	每边宽度≤1 cm，长度≤40 cm。20 m或20 m以下一卷的不多于1处，20 m至30 m（不含20 m）一卷的不多于2处，30 m以上（不含30 m）一卷的不多于3处
料块、焦巴、杂质	不应存在
气泡	不应存在
道痕	长度≤50 cm，20 m或20 m以下一卷的不多于1处，20 m至30 m（不含20 m）一卷的不多于2处，30 m以上（不含30 m）一卷的不多于3处
油渍、污渍和色渍	2.5 cm^2以下，20 m或20 m以下一卷的不多于2处，20 m至30 m（不含20 m）一卷的不多于3处，30 m以上（不含30 m）一卷的不多于4处
布折	不应存在
布基透油	不应存在
底基破裂	不应存在
注：以上缺陷，每出现一处应加0.1 m。	

5.5.2.2　物理性能

物理性能应符合表 11 的规定。

表 11　物理性能

项目	要求
表面颜色牢度/级	≥4
耐揉搓性	表面无裂纹，损伤或布基与涂层分离等现象
耐光性/级	≥4
注：面积达不到检测方法的取样量时予以豁免。	

5.5.2.3　聚氯乙烯人造革有害物质限量

有害物质限量应符合表12的规定。

表 12　有害物质限量

项目		要求
氯乙烯单体限量/(mg/kg)		≤5
可溶性重金属限量/(mg/kg)	可溶性铅	≤90
	可溶性镉	≤75
其他挥发物限量/(g/m^2)		≤20

5.6　其他饰品配件

5.6.1　珍珠应符合 GB/T 18781—2008 中工艺品级珍珠及以上要求。
5.6.2　木制珠串应符合 LY/T 2872 的要求。
5.6.3　其他材质配件应符合相应国家标准。

6　试验方法

6.1　塑料和塑胶配件

6.1.1　外观

在自然光线或日光灯照明下，目测。

6.1.2　物理性能

6.1.2.1　边缘

按 GB 6675.2—2014 中 5.8 规定执行。

6.1.2.2　尖端

按 GB 6675.2—2014 中 5.9 规定执行。

6.1.3　有害物质限量

6.1.3.1　铅、镉元素总含量

按 GB/T 28021 规定执行。

6.1.3.2 邻苯二甲酸酯类物质

按 GB/T 22048 规定执行。

6.2 金属配件

6.2.1 外观

按 GB/T 32022—2015 中 6.1 规定执行。

6.2.2 物理性能

6.2.2.1 贵金属覆盖层厚度

按 GB/T 16921 规定执行。

6.2.2.2 抗变色腐蚀性

按 QB/T 3831 规定执行。

6.2.2.3 附着强度

按 GB/T 5270 规定执行,采用划痕方法。

6.2.2.4 耐腐蚀性

按 GB/T 10125 规定执行。

6.2.2.5 边缘

按 GB 6675.2—2014 中 5.8 规定执行。

6.2.2.6 尖端

按 GB 6675.2—2014 中 5.9 规定执行。

6.2.3 有害元素的限量

6.2.3.1 镍

按 GB/T 19719 和 GB/T 28485 规定执行。

6.2.3.2 其他有害元素

应采用被认可的方法测定饰品中有害元素的总含量及溶出量。

饰品中有害元素的总含量可以按 GB/T 28020 的方法进行初检。砷、汞、铅、镉的总含量及锑、砷、钡、镉、铬、铅、汞、硒的溶出量按 GB/T 28021 等测定，六价铬的总含量按 GB/T 28019 等测定。

6.3 工艺水晶配件

6.3.1 外观

按 GB/T 28796—2012 中 6.1 规定执行。

6.3.2 物理性能

6.3.2.1 颜色稳定性

按 GB/T 28796—2012 中 6.6 规定执行。

6.3.2.2 表面粗糙度

按 GB/T 28796—2012 中 6.2.1 规定执行。

6.3.2.3 透过率

按 GB/T 7962.12 规定执行。

6.3.2.4 折射率偏差

按 GB/T 16553 或 GB/T 7962.1 规定执行。

6.3.2.5 边缘

按 GB 6675.2—2014 中 5.8 规定执行。

6.3.2.6 尖端

按 GB 6675.2—2014 中 5.9 规定执行。

6.3.3 有害物质限量

按 GB/T 28021 规定执行。

6.4 纺织品配件

6.4.1 外观

在自然光线或日光灯照明下，目测。

6.4.2 甲醛

按 GB/T 2912.1 规定执行。

6.4.3 pH 值

按 GB/T 7573 规定执行。

6.4.4 耐水色牢度

按 GB/T 5713 规定执行。

6.4.5 耐酸碱汗渍色牢度

按 GB/T 3922 规定执行。

6.4.6 耐干摩擦色牢度

按 GB/T 3920 规定执行。

6.4.7 耐唾液色牢度

按 GB/T 18886 规定执行。

6.4.8 耐湿摩擦色牢度

按 GB/T 3920 规定执行。

6.4.9 异味

按 GB 18401—2010 中 6.7 规定执行。

6.4.10 可分解致癌芳香胺染料

按 GB/T 17592 和 GB/T 23344 规定执行。

注：一般先按 GB/T 17592 检测，当检出苯胺和/或 1，4-苯二胺时，再按 GB/T 23344 检测。

6.4.11 重金属

铅、镉按 GB 30157 规定执行。

6.4.12 邻苯二甲酸酯

按 GB 20388 规定执行。

6.4.13 燃烧性能

按 GB/T 14644 规定执行。

6.5 皮革、人造革配件

6.5.1 皮革

6.5.1.1 外观

在自然光线或日光灯照明下，目测。

6.5.1.2 可分解有害芳香胺染料

按 GB/T 19942 和 GB/T 33392 规定执行。

6.5.1.3 游离甲醛

按 GB/T 19941.1 的规定执行。

6.5.2 人造革

6.5.2.1 外观

在自然光线下目测和用相应的量具测量。

6.5.2.2 表面颜色牢度

按GB/T 3920—2008的规定进行，其中摩擦用标准贴衬织物应符合GB/T 7565—1987的规定。试验结果按GB/T 250—2008的规定进行评定。

6.5.2.3 耐揉搓性

按GB/T 8948—2008中5.16规定执行。

6.5.2.4 耐光性

按GB/T 8948—2008中5.17规定执行。

6.5.2.5 氯乙烯单体限量

从试样的聚氯乙烯层切取 0.3 g～0.5 g，按 GB/T 4615 规定执行。

6.5.2.6 可溶性重金属限量

按 GB 21550—2008 中 5.4 规定执行。

6.5.2.7 其他挥发物限量

按 GB 21550—2008 中 5.5 规定执行。

7 检验规则

7.1 检验分类

检验分为出厂检验和型式检验。

7.2 出厂检验

7.2.1 产品经检验合格后方能出厂。
7.2.2 以同一次投料且同一规格型号的产品为一批次，也可以一次交货的产品为一批次。
7.2.3 产品应逐批进行检验，出厂检验项目包括外观。
7.2.4 出厂检验判定要求由供需双方协商决定。

7.3 型式检验

7.3.1 型式检验每 12 个月进行一次，有下列情况之一时，也应进行型式检验：
a) 新产品试验定型时；
b) 生产工艺改变或长期停产后恢复制造时；
c) 主要或关键原材料改变牌号或供应商时；
d) 本次出厂检验结果与上次型式检验结果有较大差异时；
e) 国家质量监督机构提出型式检验的要求时。
7.3.2 型式检验项目包含本文件第 5 章规定的全部技术要求。
7.3.3 型式检验样品应在出厂检验合格批中随机抽取足够的样品数量。
7.3.4 所检项目全部合格，判定该产品型式检验合格，否则，判定该产品型式检验不合格。

8 标志、包装、运输和贮存

8.1 标志

产品（或包装）上应有产品名称、企业名称、地址、规格、标准编号或由供需双方协商决定。

8.2 包装

产品内、外包装应采用适宜的包装材料，具体材料由供需双方协商决定。

8.3 运输

运输时要轻装轻放，防止受潮和日晒雨淋。

8.4 贮存

应贮存于通风、干燥、无阳光直射的仓库内，不应与化学腐蚀品一起存放。

参考文献

[1] GB 20400—2006 皮革和毛皮 有害物质限量

ICS 39.060
CCS Y 88

Social Organization Standard

T/XSPCSH 0013—2021（EN）

Adornment accessories

饰品配件

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Foreword

This document is drafted in accordance with rules given in GB/T 1.1—2020 *Directives for standardization — Part 1: Rules for the structure and drafting of standardizing documents*.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. The issuing body of this document shall not be held responsible for identifying any or all such patent rights.

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Adornment accessories

1 Scope

This document specifies the classification, technical requirements, test methods, inspection rules, marking, packaging, transport and storage of adornment accessories.

This document is applicable to the accessories produced and sold in the territory of China, which are made of plastics, metals, craft crystal, textiles, leather, artificial leather and other materials as main raw materials for assembling accessories.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

GB/T 2912.1, *Textile—Determination of formaldehyde—Part 1: Free and hydrolyzed formaldehyde (water extraction method)*

GB/T 3920, *Textiles—Tests for colour fastness—Colour fastness to rubbing*

GB/T 3922, *Textiles—Tests for colour fastness—Colour fastness to perspiration*

GB/T 4615, *Poly (vinyl chloride)—Determination of residual vinyl chloride monomer content—Gas chromatographic method*

GB/T 4841.3, *Colour cards of standard depths for dyeing with dyestuffs 2/1、1/3、1/6、1/12、1/25*

GB/T 5270, *Metallic coatings on metallic substrates—Electrodeposited and chemically deposited coatings—Review of methods available for testing adhesion*

GB/T 5713, *Textiles—Tests for colour fastness—Colour fastness to water*

GB 6675.2—2014, *Safety of toys—Part 2：Mechanical and physical properties*

GB/T 7573, *Textiles—Determination of pH of the aqueous extract*

GB/T 7962.1, *Test methods of colourless optical glass—Part 1: Refractive index and coeffective of dispersion*

GB/T 7962.12, *Test methods of colourless optical glass—Part 12: Spectral internal transmittance*

GB/T 8948—2008, *Polyvinyl chloride artificial leather*

GB/T 10125, *Corrosion tests in artificial atmospheres—Salt spray tests*

GB/T 14644, *Textile fabrics—Burning behaviour—The 45° test determination of flame spread rate*

GB/T 16553, *Gems—Testing*

GB/T 16921, *Metallic coatings—Measurement of coating thickness—X-ray spectrometric methods*

GB/T 17592, *Textiles—Determination of the banned azo colourants*

GB 18401—2010, *National general safety technical code for textile products*

GB/T 18781—2008, *Cultured pearl grading*

GB/T 18886, *Textiles—Tests for fastness—Colour fastness to saliva*

GB/T 19719, *Jewellery—Determination of the release of nickel—Method of spectrometry*
GB/T 19941.1, *Leather and fur—Determination of formaldehyde content—Part 1:High performance liquid chromatography method*
GB/T 19942, *Leather and fur—Chemical tests—Determination of banned azo colourants*
GB/T 20388, *Textiles—Determination of the content of phthalates*
GB 21550—2008, *Restriction of hazardous materials in polyvinyl chloride artificial leather*
GB/T 22048, *Determination of certain phthalate esters in toys and children's products*
GB/T 23344, *Textiles—Determination of 4-aminoazobenzene*
GB/T 28019, *Adornment—Determination of Chromium (VI)—1,5-Diphenylcarbohydrazide spectrophotometric method*
GB/T 28020, *Adornment—Determination of baneful elements—X-ray fluorescence spectrometric method*
GB/T 28021, *Adornment—Determination of baneful elements—Method of spectrometry*
GB 28480—2012, *Adornment—Provision for limit of baneful elements*
GB 28485, *Coated adornment—Detection of nickel release—Method for simulation of wear and corrosion*
GB/T 28796—2012, *Craft crystal decoration*
GB/T 30157, *Textiles—Determination of total content of lead and cadmium*
GB/T 31912—2015, *Adornment—Mark*
GB/T 32022—2015, *Adornment with precious metal coating*
GB/T 33392, *Leather and fur—Chemical tests—Determination of 4-aminoazobenzene derived from azo colorants*
FZ/T 82006, *Woven accessories*
LY/T 2872, *Wooden bracelets*
QB/T 3831, *Test method for tarnishing of metallic coatings and chemically treated coatings for light industrial products—Hydrogen sulfide test method*

3 Terms and definitions

The terms and definitions defined in GB 28480, GB 18401, GB/T 31912, GB/T 28796 and GB 6675.2 are applicable to this document.

4 Classification

Sorted by different materials, accessories are divided into: plastic accessories, metal accessories, craft crystal accessories, textile accessories, leather accessories, artificial leather accessories and others.

5 Technical requirements

5.1 Plastic accessories

5.1.1 Appearance

5.1.1.1 No obvious defects.
5.1.1.2 The products of the same specification and model shall be consistent in patterns and with no color difference.
5.1.1.3 The surface shall be free of any burrs or flash, sharp point, sharp edge, obvious scratch, stain, flaw and bubble.

5.1.1.4 When there is a spray coating, the coating shall be uniform, bright and smooth, and the surface shall be free of clustered dirt marks and paint flow.

5.1.2 Physical properties

The physical properties shall comply with the requirements in Table 1.

Table 1 Physical properties

Items	Requirements
Edge[a]	Edges, corners or parting lines of accessories shall not have any dangerous sharp burr or flash, or shall be protected from accessing
Tip[a]	Accessories for children shall not have such dangerous sharp tips when tested in accordance with 6.1.2.2
[a] Only applicable to accessories for children.	

5.1.3 Limit of baneful substances

The limit of baneful substances shall comply with the requirements in Table 2.

Table 2 Limit of baneful substances

<table>
<tr><td colspan="3">Items</td><td>Requirements</td></tr>
<tr><td colspan="3">Lead (Pb) / (mg/kg)</td><td>≤1000</td></tr>
<tr><td colspan="3">Cadmium (Cd) / (mg/kg)</td><td>≤100</td></tr>
<tr><td rowspan="8">Phthalic acid[a]</td><td>Di (2-ethylhexyl)-phthalate (DEHP)</td><td>CAS 117-81-7</td><td rowspan="3">Total content of these three kinds of phthalic acid esters shall not exceed 0.1%</td></tr>
<tr><td>Dibutyl phthalate (DBP)</td><td>CAS 84-74-2</td></tr>
<tr><td>Butyl benzyl phthalate (BBP)</td><td>CAS 85-68-7</td></tr>
<tr><td>Di-n-octyl phthalate (DNOP)</td><td>CAS 117-84-0</td><td rowspan="5">Total content of these three kinds of phthalic acid esters shall not exceed 0.1%</td></tr>
<tr><td rowspan="2">Di-isononyl phthalate (DINP)</td><td>CAS 68515-48-0</td></tr>
<tr><td>CAS 28553-12-0</td></tr>
<tr><td rowspan="2">Di-isodecyl phthalate (DIDP)</td><td>CAS 26761-40-0</td></tr>
<tr><td>CAS 68515-49-1</td></tr>
<tr><td colspan="4">Note: Not applicable when the sampling amount of a single material is less than 10 mg for a single sample.</td></tr>
<tr><td colspan="4">[a] Only applicable to accessories for children.</td></tr>
</table>

5.2 Metal accessories

5.2.1 Appearance

5.2.1.1 The modeling shall comply with the requirements of the drawing (or sample).
5.2.1.2 The surface shall be free from defects affecting the appearance and potential hazards.

5.2.1.3 The soldering shall be free of pseudo soldering, missing soldering or cold soldering, and without any impurity or obvious scab.
5.2.1.4 The movable and elastic accessories shall be flexible. The holes and shaft shall be matching when assembling.

5.2.2 Physical properties

The physical properties shall comply with the requirements in Table 3.

Table 3 Physical properties

Items	Requirements							
	Accessories coated with precious metal						Accessories coated with copper-tin alloy	
	Micro-gilded	Thin layer gilded	Covered in or plated with gold	Thin layer of silver	Covered in or plated with silver	Rhodium-plating	Cupronickel-tin (imitation platinum) plating	Brass-tin (imitation gold) plating
Thickness of metal coating, *h in U*m	0.02≤h＜0.05	0.05≤h＜0.50	h≥0.50	1.00≤h＜2.00	h≥2.00	h≥0.03	h≥1	h≥0.4
Resistant to discoloration and corrosion	—			No discoloration after 8 h of hydrogen sulfide corrosion test		—		
Adhesion strength	After the adhesion strength test, there is no separation between the plating and the base material (except for gold-covered and silver-covered ornaments)							
Resistance to corrosion	Applying neutral salt spray corrosion test, the anti-corrosion time shall not be less than 20 h							
Edge[a]	No accessible sharp edges							
Tip[a]	No accessible sharp tips, only permitted as functional sharp points if necessity (e.g. pins in earrings and in brooches, etc.)							
Note: The thickness of the precious metal coating in this table refers to the thickness of pure gold, pure silver and pure rhodium.								
[a] Only applicable to accessories for children.								

5.2.3 Limit of baneful substances

5.2.3.1 Nickel

5.2.3.1.1 Accessories used for ear or any body part piercing, and used during healing process of piercing wound shall have a nickel release of less than 0.2 μg/ (cm^2 · week).
5.2.3.1.2 Accessories used to make the followings adornments:
——earrings;
——necklaces, bracelets, chains, anklets, rings;
——watch cases, bracelets, clasps;
——snaps, buckles, rivets, zippers and metal tags (if not stapled to clothing).

The nickel release from the parts which contact with skin in long-term shall be less than 0.5 μg/ (cm^2 · week).

5. 2. 3. 1. 3 If there is a coating on the surface of the product as specified in 5.2.3.1.2, the coating shall secure a long-term nickel release from the part in contact with skin under normal use within two years of less than 0.5 μg/ (cm^2 · week).

5. 2. 3. 1. 4 Besides those as specified in 5.2.3.1.1, 5.2.3.1.2 and 5.2.3.1.3, other similar accessories shall comply with the requirements herein, otherwise they shall not be sold in the market.

5. 2. 3. 2 Other baneful elements

5. 2. 3. 2. 1 The total content of baneful elements in metal accessories shall be less than or equal to the maximum limit of corresponding elements in Table 4.

Table 4 Maximum limit of total content of baneful elements in metal accessories

Elements	As	Cr^{6+}	Hg	Pb	Cd
Maximum limit W_{Max}/ (mg/kg)	1000	1000	1000	1000	100

5. 2. 3. 2. 2 The total content of lead in metal accessories for children shall be less than or equal to 300 mg/kg. The total content of other baneful elements shall comply the requirements in Table 4. The content of soluble elements shall be less than or equal to the maximum limit of the corresponding elements in Table 5.

Table 5 Maximum limit of baneful elements dissolved from metal accessories for children

Elements	Sb	As	Ba	Cd	Cr	Pb	Hg	Se
Maximum limit / (mg/kg)	60	25	1000	75	60	90	60	500

5. 3 Craft crystal accessories

5. 3. 1 Appearance

Appearance shall comply with the requirements in Table 6.

Table 6 Appearance

Items		Requirements
Processing performance	Overall appearance	No obvious fracture, crack or impurity. Small polishing grain is allowed. No obvious trace at the bonding part. Overall appearance shall present a strong three-dimensional feature.
	Carving lines	The lines are clear and the layers are distinct.
Appearance	Bubble diameter, mm	⩽0.8
	Permissible quantity number of visible bubbles per 100 cm^3	8
	Color uniformity	The color shall be uniform.
Note: The processing performance is only applicable to natural crystal and synthetic crystal.		

5. 3. 2 Physical properties

The physical properties shall comply with the requirements in Table 7.

Table 7 Physical properties

Items	Requirements
Color stability	No color change after 1h irradiation
Surface roughness/μm	≤1.0
Transmissivity [a]/%	≥90
Deviation of refractive index	Nominal value ± 0.08
Edge	No accessible sharp edge
Tip	No accessible sharp tip
[a] Only applicable to colorless glass.	

5.3.3 Limit of baneful substances

5.3.3.1 The total content of lead in accessories for adults shall be no more than 1000 mg/kg, and the total content of lead in accessories for children shall be no more than 300 mg/kg.

5.3.3.2 The total content of cadmium shall be no more than 100 mg/kg.

5.4 Textile accessories

5.4.1 Appearance

5.4.1.1 No obvious defects such as corrugation, ripples, pill, snag, hole, abrasion or grease stain on fabric.

5.4.1.2 No obvious defects such as bundling, unevenness, hole and shrinkage in filling.

5.4.1.3 No fall off in overlock thread. No open sewing thread. No obvious loose embroidery stitch.

5.4.1.4 No loose or curly in selvage. No scattered or messy in tassels.

5.4.1.5 The items such as operation instruction, raw material, tolerant deviation of specification and dimension, color deviation, appearance defect, sewing and finishing of woven accessories shall comply with requirements of FZ/T 82006.

5.4.2 Safety technical requirements

The safety technical requirements for textile accessories shall comply with the requirements in Table 8.

Table 8 Safety technical requirements

Items		Requirements		
		Category A[a]	Category B[a]	Category C[a]
Formaldehyde content/ (mg/kg) ≤		20	75	300
pH value[b]		4.0～7.5	4.0～8.5	4.0～9.0
Color fastness [c]/grade ≥	to water (change in color, staining)	3-4	3	3
	to acid perspiration (change in color, in staining)	3-4	3	3
	to alkali perspiration (change in color, in staining)	3-4	3	3
	to dry rubbing	4	3	3

Table 8　Safety technical requirements (Continued)

Items		Requirements		
		Category A[a]	Category B[a]	Category C[a]
Color fastness [c]/grade ⩾	to saliva (change in color, in staining)	4	—	—
	to wet friction[d]	3（dark color 2-3）	2-3	—
Odor		None		
Decomposable carcinogenic aromatic amine dye[e]/ (mg/kg)		Not allowed		
Heavy metal [f]/ (mg/kg) ⩽	Pb	90	—	—
	Cd	100	—	—
Phthalate [g]/% ⩽	DEHP、DBP、BBP	0.1	—	—
	DINP、DIDP、DNOP	0.1	—	—
Flammability[h]		Class 1 (Normal flammability)		—

Note 1: Exemption is given when the area does not reach the sampling amount of the detection method.

Note 2: Flame retardant treatment is not recommended for products of category A. If there is a flame retardant treatment, it is required to comply with relevant national regulations and mandatory standards.

[a] Accessories for children under 36 months shall comply with the requirements of category A. Accessories for direct contact with the skin shall at least comply with the requirements of category B, and accessories not for direct contact with the skin shall at least comply with the requirement of category C.

[b] For semi-products that are required to subsequently process wet treatment, the pH value is permitted within 4.0 to 10.5.

[c] Non applicable to semi-products, and products of grey fabric and bleached fabric, which are required to process washing and fading. Not applicable to traditional hand-dyed products such as tie-dying, batik and etc.

[d] Non applicable to products of grey fabric and bleached fabric. A color is defined as dark when it is deeper than the 1/12 color card of standard depths for dyeing with dyestuffs as specified in GB/T 4841.3.

[e] The list of carcinogenic aromatic amines is specified in GB 18401—2010, Annex C, with the limit value less than 20 mg/kg.

[f] Only applicable to coated fabric and pigment printed and dyed fabric, and referring to the ratio of the total amount of lead or cadmium to the mass of coatings or pigments.

[g] Only applicable to coated fabric and pigment printed and dyed fabric.

[h] Only applicable to the outer fabric of the product. Not applicable to uni-material fabric or blended fabric, such as fibers made of pure wool, acrylic, modified acrylic, nylon, polypropylene or polyester, or their blends. Not applicable to fabric with a mass per unit area more than 90 g/m^2.

5.5　Leather and artificial leather accessories

5.5.1　Leather

5.5.1.1　Appearance

5.5.1.1.1　The surface of slick-surfaced leather shall be flat and smooth, without any area of exposed base, cracking or chapping.

5.5.1.1.2　Suede upper leather shall be fine and uniform, not greasy.

5.5.1.1.3 Leather shall be soft without uneven dyeing. The thickness, color and fineness of grain shall be basically consistent.
5.5.1.1.4 The color shall be basically uniform, no decolorization, no obvious break.

5.5.1.2 Limit of baneful substances

The safety technical requirements shall comply with the requirement in Table 9.

Table 9 Limit of baneful substances

Items	Requirements
Decomposable carcinogenic aromatic amine dyes [a]/ (mg/kg)	≤30
Free formaldehyde/ (mg/kg)	≤300
Note: Exemption is given when the area does not reach the sampling amount for testing.	
[a] See GB 20400 — 2006, Annex A for the names of banned aromatic amines. If the content of 4-aminobiphenyl and (or) 2-naphthylamine exceeds 30 mg/kg and there is no other evidence, it cannot be concluded that banned azo dyes are used based on the current scientific knowledge.	

5.5.2 Artificial leather

5.5.2.1 Appearance

Appearance shall comply with the requirements in Table 10.

Table 10 Appearance

Items	Requirements
Pattern and color difference	Pattern shall be clear and consistent in color depth. There shall be no aberration of color
Edge pit	Each area of such defect shall be within 1 cm in width and 40 cm in length. There shall be no more than 1 such defect in a roll of 20 m or less, no more than 2 in a roll of 20 m to 30 m (excluding 20 m), and no more than 3 in a roll over 30 m (excluding 30 m)
Lump, scorch, impurity	Not allowed
Blister	Not allowed
Scratch	The length of a scratch shall be less than 50 cm. There shall be no more than 1 such defect in a roll of 20 m or less, no more than 2 in a roll of 20 m to 30 m (excluding 20 m) and no more than 3 in a roll over 30 m (excluding 30 m)
Grease, dirt or color stain	Each area shall be within 2.5 cm^2. There shall be no more than 2 such defects in a roll of 20 m or less, no more than 3 in a roll of 20 m to 30 m (excluding 20 m), and no more than 4 in a roll over 30 m (excluding 30 m)
Crease	Not allowed
Oil permeance to cloth base	Not allowed
Subbase rupture	Not allowed
Note: Add 0.1 m for each of the above defects.	

5.5.2.2 Physical properties

The physical properties shall comply with the requirements in Table 11.

Table 11 Physical properties

Items	Requirements
Surface colour fastness/grade	≥4
Rubbing resistance	There shall be neither crack or damage on the surface, nor separation between the cloth base and the coating
Resistance to light /grade	≥4
Note: Exemption is given when the area does not reach the sampling amount for testing.	

5.5.2.3 Limit of baneful substances of polyvinyl chloride artificial leather

The limit of baneful substances shall comply with Table 12.

Table 12 Limit of baneful substances

Items		Requirements
Limit of vinyl chloride monomer/ (mg/kg)		≤5
Limit of soluble heavy metal/ (mg/kg)	Soluble lead	≤90
	Soluble cadmium	≤75
Limit of other volatiles/ (g/m^2)		≤20

5.6 Other accessories

5.6.1 Pearls shall comply with the requirements of craft grade and above as specified in GB/T 18781—2008.

5.6.2 Wooden beads shall comply with the requirements in LY/T 2872.

5.6.3 Accessories made of other materials shall comply with the requirements of corresponding national standards.

6 Test methods

6.1 Plastic accessories

6.1.1 Appearance

Observe under sunlight or fluorescent light.

6.1.2 Physical performance

6.1.2.1 Edges

Determine as specified in GB 6675.2—2014, 5.8.

6.1.2.2 Tips

Determine as specified in GB 6675.2—2014, 5.9.

6.1.3 Limit of baneful substances

6.1.3.1 Total content of lead and cadmium

Determine as specified in GB/T 28021.

6.1.3.2 Phthalates

Determine as specified in GB/T 22048.

6.2 Metal accessories

6.2.1 Appearance

Determine as specified in GB/T 32022—2015, 6.1.

6.2.2 Physical performance

6.2.2.1 Coating thickness of precious metal

Determine as specified in GB/T 16921.

6.2.2.2 Resistant to discoloration and corrosion

Determine as specified in QB/T 3831.

6.2.2.3 Adhesion strength

Determine as specified in GB/T 5270.

6.2.2.4 Corrosion resistance

Determine as specified in GB/T 10125.

6.2.2.5 Edges

Determine as specified in GB 6675.2—2014, 5.8.

6.2.2.6 Tips

Determine as specified in GB 6675.2—2014, 5.9.

6.2.3 Limit of baneful elements

6.2.3.1 Nickel

Determine as specified in GB/T 19719 and GB/T 28485.

6.2.3.2 Other baneful elements

The total content and release amount of baneful elements in accessories shall be determined with recognized methods.

The total content of baneful elements in accessories may be determined according to GB/T 28020. The total contents of arsenic, mercury, lead, cadmium, and the release of soluble elements including antimony, arsenic, barium, cadmium, chromium, lead, mercury and selenium shall be determined in accordance with GB/T 28021.

The total content of Chromium (VI) shall be determined in accordance with GB/T 28019.

6.3 Craft crystal accessories

6.3.1 Appearance

Determine as specified in GB/T 28796—2012, 6.1.

6.3.2 Physical properties

6.3.2.1 Color stability

Determine as specified in GB/T 28796—2012, 6.6.

6.3.2.2 Surface roughness

Determine as specified in GB/T 28796—2012, 6.2.1.

6.3.2.3 Transmissivity

Determine as specified in GB/T 7962.12.

6.3.2.4 Deviation of refractive index

Determine as specified in GB/T 16553 or GB/T 7962.1.

6.3.2.5 Edges

Determine as specified in GB 6675.2—2014, 5.8.

6.3.2.6 Tips

Determine as specified in GB 6675.2—2014, 5.9.

6.3.3 Limit of baneful elements

Determine as specified in GB/T 28021.

6.4 Textile accessories

6.4.1 Appearance

Observe under sunlight or fluorescent light.

6.4.2 Formaldehyde

Determine as specified in GB/T 2912.1.

6.4.3 PH value

Determine as specified in GB/T 7573.

6.4.4 Colour fastness to water

Determine as specified in GB/T 5713.

6.4.5 Colour fastness to acid and alkali perspiration

Determine as specified in GB/T 3922.

6.4.6 Colour fastness to dry rubbing

Determine as specified in GB/T 3920.

6.4.7 Colour fastness to saliva

Determine as specified in GB/T 18886.

6.4.8 Colour fastness to wet rubbing

Determine as specified in GB/T 3920.

6.4.9 Odor

Determine as specified in GB 18401—2010, 6.7.

6.4.10 Decomposable carcinogenic aromatic amine dyes

Determine as specified in GB/T 17592 and GB/T 23344.

Note: Generally take the test first as specified in GB/T 17592. If the result shows that there is aniline and/or 1,4-diaminobenzene , then take the test as specified in GB/T 23344.

6.4.11 Heavy metal

Determine as specified in GB 30157.

6.4.12 Phthalates

Determine as specified in GB 20388.

6.4.13 Flammability

Determine as specified in GB/T 14644.

6.5 Leather and artificial leather accessories

6.5.1 Leather

6.5.1.1 Appearance

Observe under sunlight or fluorescent light.

6.5.1.2 Decomposable carcinogenic aromatic amine dyes

Determine as specified in GB/T 19942 and GB/T 33392.

6.5.1.3 Free formaldehyde

Determine as specified in GB/T 19941.1.

6.5.2 Artificial leather

6.5.2.1 Appearance

Observe under sun light or fluorescent light, with correspondent measuring tools.

6.5.2.2 Surface color fastness

Determine as specified in GB/T 3920—2008, applying the standard lining fabric for abrasion as specified in GB/T 7565— 1987. Assess the result in accordance with GB/T 250—2008.
Determine as specified in GB/T 3920—2008. The requirement of the standard adjacent fabric for friction shall comply with the requirement of GB/T 7565— 1987. The result shall be assessed in accordance with GB/T 250—2008.

6.5.2.3 Rubbing resistance

Determine as specified in GB/T 8948—2008, 5.16.

6.5.2.4 Resistance to light

Determine as specified in GB/T 8948—2008, 5.17.

6.5.2.5 Limit of vinyl chloride monomer

Cut 0.3 g to 0.5 g of polyvinyl chloride layer from the sample. Determine as specified in GB/T 4615.

6.5.2.6 Limit of soluble heavy metals

Determine as specified in GB 21550—2008, 5.4.

6.5.2.7 Limit of other volatiles

Determine as specified in GB 21550—2008, 5.5.

7 Inspection rules

7.1 Classification of inspections

Inspections shall be classified into factory inspection and type inspection.

7.2 Factory inspection

7.2.1 The product may only leave the factory after it has passed the inspection.
7.2.2 Products made out of the same feeding, of the same specification and dimension, are considered as a lot. Or products of one delivery are considered as a lot.
Products made out of the same material, being in same variety and specification, are considered as a lot. Or products of one-time delivery are considered as a lot.
7.2.3 Products shall be inspected lot by lot. The factory inspection includes appearance.
7.2.4 The assessment rules of factory inspection shall be agreed by both parties.

7.3 Type inspection

7.3.1 Type inspection shall be carried out every 12 months. At any of the following circumstances, type inspection shall also be carried out:
a) pattern evaluation for new products;

b) when changes in process or resuming manufacture after long-term shut down;
c) when changes in main or key raw material's grade number or suppliers;
d) when major differences occur between the results of factory inspection and previous type inspection;
e) when under the request of the clients or the supervision department.

7.3.2 The items of type inspection cover all technical requirements in Clause 5.

7.3.3 Samples shall be obtained from the lots passing the factory inspection.

7.3.4 If all the items of type inspection are conforming, the product is assessed conforming. Otherwise, it is assessed nonconforming.

8 Marking, packaging, transport and storage

8.1 Marking

Products or packaging shall be marked with product's name, the title and address of manufacturer, specifications, executive standard number, or other information agreed upon both parties.

8.2 Packaging

Suitable packaging shall be adopted for both the interior and exterior packing for the product. Materials shall be decided by both parties.

8.3 Transport

Products shall be carried with car and protected from damp, sun and rain exposure.

8.4 Storage

Products shall be stored in a dry, well-ventilated warehouse without direct sunlight and kept away from corrosive chemical products.

Bibliography

[1] GB 20400—2006 *Leather and fur—Limit of harmful matter*