

## 生态纺织品常规测试项目表（欧盟/美国） Table of General Eco-textile Testing Items (EU/US)

欧洲和主要纺织品买家从生态的角度审视纺织产品，提出了一些相应的要求，促使纺织品和服装生产商重新审视他们的产品，使其在从生产到废弃处理整个生命周期过程中的每一步，都应对人体和环境的危害降低到最低程度。背面表格列出了欧美常规的生态纺织品要求。Intertek天祥集团可以检测所有这些有害物质，并且对如何降低纺织品中的有害物质提供咨询服务及解决方案。

Major European and U.S. textile buyers viewed their textile products from an ecological standpoint and established certain requirements for textile products. Textile and clothing manufacturers are encouraged to re-examine the whole life cycle of their products with the aim of minimising hazards to humans and the environment at every stage, from manufacture to disposal. The general Eco-textile requirements are listed at back page. Intertek is able to test for all these hazards and can offer consultancy advice on reducing the ecological impact of textile products.

### 相关服务

欧盟《关于化学品注册、评估、许可和限制法规》(REACH)  
纺织品验货  
皮具产品测试  
手袋箱包测试  
技术咨询和培训  
纺织品、服装和家用饰品测试  
成衣及护理标签测试  
中国国家强制性标准GB 18401测试

### Related Services

REACH  
Inspection  
Leather goods testing  
Handbag & luggage testing  
Technical Consultation and Training  
Textile, Apparel and Soft Home Furnishings Testing  
Care Labelling  
GB 18401



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Test Items 测试项目	EU/US Regulation 欧盟/美国 法规	Recommended Limits 限制建议	Natural Fabric 天然纤维	Synthetic and Blend Fabric 混纺纤维	Leather 皮革	Synthetic Leather 合成人造 皮革	PU, PVC, Rubber 橡胶, TPU, TPR, EVA, Soft Plastic 软质塑料	Hard Plastic 硬质塑料	Metal 金属	Coating/ Printing 涂层/印花
Azo Dyes Content 偶氮染料含量	2002/61/EC 2004/21/EC	30 mg/kg	●	●	●					
Navy Blue 018122 海军蓝	2003/3/EC	1000 mg/kg	●	●	●	●				
Phthalates 邻苯二甲酸酯类	98/815/EEC 2005/84/EC	1000 mg/kg (Sum of phthalate for EU market) 邻苯二甲酸盐总 含量（欧盟）		○ for plastic coated fabric 针对塑料 涂层织物		○	○	○		○
Lead-Total Content (mg/kg) in Coated Items Only 涂层物质中铅的总含量	US CPSC 1303	600 mg/kg								●
Cadmium Content 镉含量	91/338/EEC	100 mg/kg				○	●	○	○ for plated metallic Items 针对 镀金件	○
Chromium VI Content 六价铬	97/56/EC 99/43/EEC	3 mg/kg			●					
Nickel Release 镍释放量	94/27/EEC 2004/96/EC	0.5 µg/cm <sup>2</sup> /week 0.2 µg/cm <sup>2</sup> /week for body piecing item 刺穿皮肤物件							●	
Nonylphenols (NP) Nonylphenoethoxylate (NPEO) 壬基苯酚聚氧乙烯醇	2003/53/EC	1000 mg/kg	○	○	○	○	○	○	○	
C10-C13 Chloroparaffins 氯化石蜡	2002/45/EC	1%			●					
Flame Retardant Characteristics 阻燃剂性能	2003/11/EC	1000 mg/kg	●	●	●	●	●	●		●
Organic Solvents 有机溶剂	76/769/EEC	None Detected 禁止		○		○	○	○		○
Ozone Depleting Substance 破坏臭氧层物质	99/45/EC/ US EPA Clean Air Act	None Detected 禁止					○ foam material 泡沫物料			
Poly Chlorinated Biphenyls (Pcbs) and Polychlorinated Terphenyls (Pct) 聚氯化苯和多氯三联苯	84/467/EEC	1000 mg/kg	○		○					
Polynuclear Aromatic Hydrocarbons (PAHS) Content 多环芳烃含量	76/769/EEC 2005/69/EC	1mg/kg (BaP) 10mg/kg (Sum of PAHs) 多环芳香烃总含量		○	○	○	●	○		○
Toluene and Trichlorobenzene 甲苯和三氯苯	2005/59/EC	1000 mg/kg				○	○	○		○
Vinyl Chloride Monomer 氯乙烯单体	76/769/EEC 78/142/EEC	1 mg/kg		○ fr PVC coated fabric 针对聚氯乙 烯涂层织物		○ fr PVC coated fabric 针对聚氯乙 烯涂层织物	○	○		
VOCs 挥发性有机化合物	99/13/EC 2004/42/EC	None Detected 禁止					○			○

● Core testing which is mandatory 强制性的测试

○ Recommended testing 建议测试