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# Standard STANDARD 100 by OEKO-TEX®

OEKO-TEX® - International Association for Research and Testing in the Field of Textile and Leather Ecology  
OEKO-TEX® - 国际环保纺织和皮革协会



OEKO-TEX®  
CONFIDENCE IN TEXTILES  
STANDARD 100 

### Annex 4 / 附录 4

#### Limit values and fastness, part 5 / 限量值和色牢度，第五部分

(The testing procedures are described in a separate document / 测试方法描述于其他文件)

Product Class / 产品级别	I Baby / 婴幼儿	II in direct contact with skin / 直接接触皮肤	III with no direct contact with skin / 非直接接触皮肤	IV Decoration material / 装饰 材料
<b>Colour fastness (staining) / 色牢度 (沾色)</b>				
To water / 耐水	3-4	3	3	3
To acidic perspiration / 耐酸性汗液	3-4	3-4	3-4	3-4
To alkaline perspiration / 耐碱性汗液	3-4	3-4	3-4	3-4
To rubbing, dry / 耐干摩擦 <sup>23,24</sup>	4	4	4	4
To saliva and perspiration / 耐唾液和汗液	fast / 牢固			
<b>Emission of volatiles / 可挥发物释放量 [mg/m<sup>3</sup>]<sup>25</sup></b>				
Formaldehyde / 甲醛 [50-00-0]	0.1	0.1	0.1	0.1
Toluene / 甲苯 [108-88-3]	0.1	0.1	0.1	0.1
Styrene / 苯乙烯 [100-42-5]	0.005	0.005	0.005	0.005
4-Vinylcyclohexene / 乙烯基环己烷 [100-40-3]	0.002	0.002	0.002	0.002
4-Phenylcyclohexene / 苯基环己烷 [4994-16-5]	0.03	0.03	0.03	0.03
Butadiene / 丁二烯 [106-99-0]	0.002	0.002	0.002	0.002
Vinylchloride / 氯乙烯 [75-01-4]	0.002	0.002	0.002	0.002
Aromatic hydrocarbons / 芳香烃	0.3	0.3	0.3	0.3
Organic volatiles / 有机挥发物	0.5	0.5	0.5	0.5
<b>Organic cotton fibres and materials / 有机棉纤维和材料<sup>26</sup></b>				
Glyphosate and salts for organic cotton / 有机棉中的草甘膦及其盐	0.5	1.0	1.0	1.0
Genetically modified organisms (GMO) / 转基因生物(GMO)	not detectable / 未检出			
<b>Determination of odours / 气味测定</b>				
General / 总体	no abnormal odour / 无异味 <sup>27</sup>			

#### Limit values and fastness, part 1 / 限量值和色牢度，第一部分

(The testing procedures are described in a separate document / 测试方法描述于其他文件)

Product Class / 产品级别	I Baby / 婴幼儿	II in direct contact with skin / 直接接触皮肤	III with no direct contact with skin / 非直接接触皮肤	IV Decoration material / 装饰 材料
<b>pH value / 酸碱值<sup>1</sup></b>				
	4.0 - 7.5	4.0 - 7.5	4.0 - 9.0	4.0 - 9.0
<b>Formaldehyde, free and partially releasable / 游离的和可部分释放的甲醛 [mg/kg]</b>				
Law 112 / 112 法	n.d. <sup>2</sup>	75	150	300
<b>Extractable (heavy) metals / 可萃取的重金属 [mg/kg]</b>				
Sb (Antimony / 锑)	30.0	30.0	30.0	
As (Arsenic / 砷)	0.2	1.0	1.0	1.0
Pb (Lead / 铅)	0.2	1.0 <sup>3</sup>	1.0 <sup>3</sup>	1.0 <sup>3</sup>
Cd (Cadmium / 镉)	0.1	0.1	0.1	0.1
Cr (Chromium / 铬)	1.0	2.0	2.0	2.0
Cr(VI) / 铬(六价)	0.5			
Co (Cobalt / 钴)	1.0	4.0	4.0	4.0
Cu (Copper / 铜)	25.0 <sup>4</sup>	50.0 <sup>4</sup>	50.0 <sup>4</sup>	50.0 <sup>4</sup>
Ni (Nickel / 镍) <sup>5</sup>	1.0 <sup>6</sup>	4.0 <sup>7</sup>	4.0 <sup>7</sup>	4.0 <sup>7</sup>
Hg (Mercury / 汞)	0.02	0.02	0.02	0.02