



Hong Kong Standards and Testing Centre

10 Dai Wang Street, Taipo Industrial Estate, NT, Hong Kong

Tel : (852) 2666 1888 Fax : (852) 2663 1239 Email : tmd@hkstc.com

Issued: 06/02/tmd

Guidelines of Test Parameter and Limits for Textile Products

Type of Test	Product Class			
	(I) Baby	(II) Direct contact with skin	(III) With no direct contact with skin	(IV) Decoration material
1. Azo Dyestuff	30 ppm	30 ppm	30 ppm	30 ppm
2. Chlorinated Organic Carriers	n.d.	n.d.	n.d.	n.d.
3. Chlorinated Phenols <ul style="list-style-type: none"> • Pentachlorophenol (Pcp) • 2, 5, 5, 6-Tetrachlorophenol (Ttcp) 	0.05 ppm 0.05 ppm	0.5 ppm 0.5 ppm	0.5 ppm 0.5 ppm	0.5 ppm 0.5 ppm
4. Colour Fastness (staining) : <ul style="list-style-type: none"> • Towards water • Towards acidic perspiration • Towards alkaline perspiration • Towards dry rubbing • Towards wet rubbing 	3 3-4 3-4 4 2-3	3 3-4 3-4 4 2-3	3 3-4 3-4 4 2-3	3 3-4 3-4 4 2-3
5. Colour Fastness (staining) towards saliva and perspiration	5	N/A	N/A	N/A
6. Determination of Order	n.d.	n.d.	n.d.	n.d.
7. Extractible Heavy Metals <ul style="list-style-type: none"> • Arsenic (As) • Antimony (Sb) • Lead (Pb) • Cadmium (Cd) • Mercury (Hg) • Copper (CuO) • Chromium (Cr) Total • Chromium (Cr) VI • Cobalt (Co) • Nickel (Ni) 	0.2 ppm 6.0 ppm 0.2 ppm 4.0 ppm 0.02 ppm 25.0 ppm 4.0 ppm n.d. 4.0 ppm 1.0 ppm	4.0 ppm 10.0 ppm 4.0 ppm 4.0 ppm 0.02 ppm 50.0 ppm 2.0 ppm n.d. 4.0 ppm 4.0 ppm	4.0 ppm 10.0 ppm 4.0 ppm 4.0 ppm 0.02 ppm 50.0 ppm 2.0 ppm n.d. 4.0 ppm 4.0 ppm	4.0 ppm 10.0 ppm 4.0 ppm 4.0 ppm 0.02 ppm 50.0 ppm 2.0 ppm n.d. 4.0 ppm 4.0 ppm



Hong Kong Standards and Testing Centre

10 Dai Wang Street, Taipo Industrial Estate, NT, Hong Kong

Tel : (852) 2666 1888 Fax : (852) 2663 1239 Email : tmd@hkstc.com

Type of Test	Product Class			
	(I) Baby	(II) Direct contact with skin	(III) With no direct contact with skin	(IV) Decoration material
8. Formaldehyde	20 ppm	75 ppm	300 ppm	300 ppm
9. Nickel Release	0.5µg/cm ² / week	0.5µg/cm ² / week	0.5µg/cm ² / week	0.5µg/cm ² / week
10. Organotin Compounds (TBT and DBT) • TBT • DBT	0.5 ppm 1.0 ppm	1.0 ppm N/A	1.0 ppm N/A	1.0 ppm N/A
11. Pesticides • 2, 4, 5-T • 2, 4-D • Aldrin • Carbaryl • DDD, DDE, DDT • Dieldrin • ⌘, Endosulfan • Endrine • Heptachloride/ Heptachlorepoxyde • ⌘, Hexachlorocyclohexane • Hexachlorobenzene • Lindan (δ-HCH) • Methoxychlor • Mirex • Toxaphene • Trifluralin	0.5 ppm	1.0 ppm	1.0 ppm	1.0 p pm
12. PH Value	4.0 – 7.5	4.0 – 7.5	4.0 – 9.0	4.0 – 9.0

Remarks: n.d = not detected
N/A = not applicable
ppm = parts per million
µg = microgram
cm² = square centimetre