
		OEKO-TEX® STANDARD 100 Appendix 4 (Edition 31/08/2017)		HOT PEEL TRANSFER PAPER RANGE		COLD PEEL TRANSFER PAPER RANGE		
				PRODUCT CLASS I STANDARD 100 BY OEKO-TEX® (CQ 1089/2 - valid until 31/07/2018)				
								
		CLASS 1	CLASS 2	HS90	X90	T75	T105	
		LIMIT	LIMIT	Litho & Screen Hot Split transfer	Litho & Screen Hot Peel transfer	Litho & Screen Cold Peel transfer	Litho & Screen Cold Peel transfer	
		Baby Clothes	Direct skin contact					
pH-Value*			4.0 to 7.5*	4.0 to 7.5*	8.5 to 9.5			
Formaldehyde Law 112 [mg/kg]**		LoD = 16 mg/kg	16	75	Not detected		< LoD mg/kg	
EXTRACTABLE HEAVY METALS [mg/kg]								
Antimony (Sb)		LoQ = 1.0 mg/kg	30	30	< LoQ mg/kg			
Arsenic (As)		LoQ = 0.04 mg/kg	0.2	1.0	< LoQ mg/kg			
Lead (Pb)		LoQ = 0.05 mg/kg	0.2	1.0	< LoQ mg/kg			
Cadmium (Cd)		LoQ = 0.02 mg/kg	0.1	0.1	< LoQ mg/kg			
Chromium (Cr)		LoQ = 0.2 mg/kg	1.0	2.0	< LoQ mg/kg		< 5.5 mg/kg	
(CrVI)		LoQ = 0.2 mg/kg	0.5	0.5	< LoQ mg/kg			
Cobalt (Co)		LoQ = 0.2 mg/kg	1.0	4.0	< LoQ mg/kg			
Copper (Cu)		LoQ = 1.0 mg/kg	25.0	50.0	< LoQ mg/kg			
Nickel (Ni)		LoQ = 0.2 mg/kg	1.0	4.0	< LoQ mg/kg			
Mercury (Hg)		LoQ = 0.01 mg/kg	0.02	0.02	< LoQ mg/kg			
HEAVY METALS IN DIGESTED SAMPLE [mg/kg]								
Pb (Lead)			90	90	Not used			
Cd (Cadmium)			40	40	Not used			
PESTICIDES								
Sum			0.5	1.0	Not used			
CHLORINATED PHENOLS [mg/kg]								
Pentachlorophenol (PCP)			0.05	0.5	< LoD mg/kg			
Tetrachlorophenol (TeCP)			0.05	0.5	< LoD mg/kg			
Trichlorophenols (TrCP)			0.2	2.0	< LoD mg/kg			
Dichlorophenols (DCP)			0.5	3.0	< LoD mg/kg			
Monochlorophenols (MCP)			0.5	3.0	< LoD mg/kg			
TOTAL PHTHALATES [w-%]								
Sum			0,1	0,1	< LoD %			
ORGANIC TIN COMPOUNDS [mg/kg]								
TBT, TPhT			0.5	1.0	< LoQ mg/kg			
DBT, DMT, DOT, DPhT, DPT, MBT, MOT, MMT, MPPhT, TeBT, TeET, TCyHT, TMT, TOT, TPT			1.0	2.0	< LoQ mg/kg			
OTHER CHEMICAL RESIDUES								
Orthophénylphénol (OPP) [mg/kg]			50	100	< LoD mg/kg			
Arylamines [mg/kg]			Not detected	Not detected	Not used			
SCCP, TCEP [w-%]			0.1	0.1	Not used			
DMFu [mg/kg]			0.1	0.1	Not used			
COLORANTS								
Cleavable arylamines			Not used	Not used	Not used			
Carcinogens			Not used	Not used	Not used			
Allergens			Not used	Not used	Not used			
Navy Blue			Not used	Not used	Not used			
Other banned dyestuffs listed in Appendix 5 of Oeko-Tex Standard 100			Not used	Not used	Not used			
POLYCYCLIC AROMATIC HYDROCARBONS (PAH) [mg/kg]								
Benzo[a]pyrene, Benzo[e]pyrene, Benzo[a]anthracene, Chrysene, Benzo[b]fluoranthene, Benzo[j]fluoranthene, Benzo[k]fluoranthene, Dibenz[a,h]anthracene			0.5	1.0	< LoD mg/kg			
Sum			5.0	10.0	< LoD mg/kg			
BIOLOGICAL ACTIVE PRODUCTS, FLAME RETARDANT PRODUCTS								
General			Not used	Not used	Not used			
SOLVENT RESIDUES [w-%]								
NMP, DMAc, DMF			0.1	0.1	Not used			
Formamide			0.02	0.02	Not used			
SURFACTANT, WETTING AGENT RESIDUES [mg/kg]								
Sum (includ. OP, NP)		LoQ = 10 mg/kg	10	10	< LoQ mg/kg			
Sum (includ. OP, NP, OP(EO), NP(EO))		LoQ = 15 mg/kg	100	100	< LoQ mg/kg			
PFC's, PER- AND POLYFLUORINATED COMPOUNDS, UV STABILIZERS								
General			-	-	Not used			
COLOUR FASTNESS								
General			-	-	Not detected			
EMISSION OF VOLATILES								
General			-	-	Not applicable			
DETERMINATION OF ODOURS								
General			-	-	No odour detected			
BANNED FIBERS								
Abestos			-	-	Not used			

* Not applicable for transfer paper produced in neutral medium conditions: usual pH of paper aqueous extracts are between 8.0 to 10.0 (ISO 6588).

** Law 112 Japanese standard corresponds to ISO 14184-1 standard (method for determination of formaldehyde by water extraction).

LoD = Limit of Detection - Measured value obtained by a given measurement procedure, for which the probability of falsely declaring the absence of a component in a material is β , given the probability α of falsely declaring its presence.

LoQ = Limit of Quantification - Measured value represents the lowest concentration of an analyte in a sample that can be quantified with acceptable precision and accuracy in specified experimental conditions..



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