

Ecully, 12 February 2009

REÇU LE 16 FEV. 2009

Our own réf. : EL/JT

REÇU LE 16 FEV. 2009

TEST REPORT N° LYC-08-1880

Sample supplied on 04/04/2008.

Purpose of the request : Market control according OEKO-TEX® Standard 100.

Flex for heat transfer on textile supports:
Hotmark (Polyurethan-Polyester) white or dyed
Hotmark Fashion (Polyurethan-Polyester) printed
PU print (Polyurethan-Polyester) white
Firstmark (PVC-Polyester) white or dyed.

for the test

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It includes 9 pages et 0 Annexe.

GENERAL CONDITIONS (EXTRACT) : Art 2 1: The request for tests and associated services whose realization is entrusted to the laboratories INSTITUT FRANÇAIS DU TEXTILE ET DE L'HABILLEMENT, is the subject of request written by the customer to which are required to join the samples to test. This request indicates with precision the identity and the address of the applicant, the number, the nature, the denomination and the references of the samples, the object of required work. ART 2 3 1: The requests are classified by order of reception and the tests included in the same order. In the event of urgency or of particular contractual agreement, the tests can be carried out in priority. In this case, the Institute can mark up the price mentioned in the catalogue of the tests under conditions suggested to the customer and accepted. ART 2 2 3: On request of the customer, a control sample subjected to tests can be given to him, provided with the identification of the INSTITUT FRANÇAIS DU TEXTILE ET DE L'HABILLEMENT. ART 5 2: The INSTITUT FRANÇAIS DU TEXTILE ET DE L'HABILLEMENT can not be held responsible for various interpretations and the use which can be made reports/ratios of tests, reports/ratios of interpretations, comments, opinion and observations. ART VI: The use and/or the reference to name INSTITUT FRANÇAIS DU TEXTILE ET DE L'HABILLEMENT are subordinated to the written authorization of Management of the Institute. ART 2 2 4: At the end of the tests, the residual part not used samples is preserved in accordance with the procedures of the Quality management system of the site of the Institute where the tests are carried out. ART 4 2 2: Except particular stipulation, the invoices and requests for instalment are payable at the Institute at the address of realization of the tests and the associated services, the cash by transfer, by cheque, at reception of the invoice.

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SIRET 433 430 832 00108 - NAF 7219Z - TVA : FR 39 433430832 - CENTRE TECHNIQUE INDUSTRIEL (LOI DU 22 JUILLET 1948 - ARRETE DU 14 AVRIL 2000)



Class I Class II Class III Class IV

SAMPLES

N° Sample	Désignation	Composition	Color
1	HOTMARK	Polyuréthane/Polyester	white
2	HOTMARK	Polyuréthane/Polyester	yellow
3	HOTMARK transfered	Polyuréthane/Polyester	yellow
4	HOTMARK	Polyuréthane/Polyester	black
5	HOTMARK transféré	Polyuréthane/Polyester	black
6	HOTMARK FASHION /	Polyuréthane/Polyester	leopard
7	HOTMARK FASHION transfered	Polyuréthane/Polyester	leopard
8	HOTMARK FASHION	Polyuréthane/Polyester	jeans
9	HOTMARK FASHION transfered	Polyuréthane/Polyester	jeans
10	HOTMARK FASHION	Polyuréthane/Polyester	army
11	HOTMARK FASHION transfered	Polyuréthane/Polyester	army
12	UPPERFLOCK	Viscose/Polyester	white
13	UPPERFLOCK	Viscose/Polyester	yellow
14	UPPERFLOCK transfered	Viscose/Polyester	yellow
15	UPPERFLOCK	Viscose/Polyester	blue
16	UPPERFLOCK transfered	Viscose/Polyester	orange
17	UPPERFLOCK	Viscose/Polyester	black
18	UPPERFLOCK transfered	Viscose/Polyester	black
19	PU PRINT	Polyuréthane/Polyester	white
20	FIRSTMARK	Polyester	white
21	FIRSTMARK	Polyester	yellow
22	FIRSTMARK transfered	Polyester	yellow
23	FIRSTMARK	Polyester	royal blue
24	FIRSTMARK	Polyester	red
25	FIRSTMARK transfered	Polyester	red
26	FIRSTMARK	Polyester	black
27	FIRSTMARK transfered	Polyester	black

**"CONFIDENCE IN TEXTILES - TESTED FOR HARMFUL SUBSTANCES"
ACCORDING OEKO-TEX® STANDARD 100**

Criteria	Résultats				Limits values Oeko-Tex Standard 100			
	Sample 1	Sample 2	Sample 3	Sample 4	I	II	III	IV
pH ¹	6.6				4.0-7.5	4.0-7.5	4.0-9.0	4.0-9.0
Formaldehyde - JIS 112 (ppm)								
Qualitative				Négatif				
Quantitative					nd ²	75	300	300
Extractable heavy metal (ppm)								
Sb (antimony)		< 0.1			30,0	30,0	30,0	
As (arsenic)					0.2	1.0	1.0	1.0
Pb (lead) ³		< 0.1			0.2	1.0 ⁴	1.0 ⁴	1.0 ⁴
Cd (cadmium)					0.1	0.1	0.1	0.1
Cr (chromium)					1.0	2.0	2.0	2.0
Cr (chromium VI)					0.5			
Co (cobalt)					1.0	4.0	4.0	4.0
Cu (copper)					25.0 ⁴	50.0 ⁴	50.0 ⁴	50.0 ⁴
Ni (nickel) ⁶					1.0	4.0	4.0	4.0
Hg (mercury)					0.02	0.02	0.02	0.02
Pesticides / Herbicides (ppm)⁷								
Chlorophénol (ppm)⁸								
Pentachlorophénol (PCP)					0.05	0.5	0.5	0.5
2,3,5,6-Tétrachlorophénol (TeCP) ⁸					0.05	0.5	0.5	0.5
Orthophénylphénol (OPP)					50.0	100.0	100.0	100.0
Plasticizers PVC - Phtalates (%)⁹								
DINP+ DNOP+ DEHP+ DIDP+ BBP+ DBP					0.1			
DEHP + BBP + DBP						0.1		
Organics tin compounds (ppm)								
TBT					0.5	1.0	1.0	1.0
DBT					1.0	2.0	2.0	2.0
TPhT					0.5	1.0	1.0	1.0
dyes (ppm)								
Arylamines cleavable ^{8, 10}		< 20						not used ⁵
Carcinogens ⁸								not used ⁵
Allergens ⁸								not used ⁵
Others ⁸								not used ⁵
Carriers (ppm)								1.0
Biological active products								none ^{11, 12}
Flame retardant products								
General								none ¹¹
PBB, TRIS, TEPA, pentaBDE, octaBDE ⁽⁶⁾								not used
Color fastness								
To water								3
To acidic perspiration			5					3 - 4
To alkaline perspiration			5					3 - 4
To rubbing dry ^{13, 14}								4
To saliva and perspiration					Fast			
Determination of odours								
General	no detected	no detected	no detected	no detected				no abnormal odour ¹⁶
SNV 195 65 ¹⁵					3	3	3	3

1) Those products which must be treated wet during the further processing can have a pH value within 4.0 - 10.5 ; those leather products, coated or laminated, in product class IV a pH value within 3.5 and 9.0 is accepted.

2) n.d. corresponds according to "Japanese Law 112" test method with an absorbance unit less than 0.05 resp. < 16ppm

3) The use of lead and lead alloys is forbidden

4) No requirement for accessories made from inorganic materials

5) Quantification limits : for Cr (VI) 0.5ppm, for arylamines 20 ppm, for dyestuffs 50 ppm

6) Including the requirement by EC-Directive 94/27/EC

7) For natural fibres only

8) The individual substances are listed in Appendix 5

9) For coated articles, plastisol prints, flexible foams, and accessories made from plastics

10) For all materials containing polyurethane

11) With exception of treatments accepted by Oeko-Tex (see actual list on <http://www.oeko-tex.com>)

12) Product class IV : requirement to be met from 1.1.2009

13) No requirements for "wash-out" - articles

14) For pigment, vat or sulphurous colorants a minimum grade of colour fastness to rubbing of 3 (dry) is acceptable

15) For textile carpets, mattresses as well as foams and large coated articles not being used for clothing

16) No odour from mould, high boiling fraction of petrol, fish, aromatic hydrocarbons or perfume

**"CONFIDENCE IN TEXTILES - TESTED FOR HARMFUL SUBSTANCES"
ACCORDING OEKO-TEX® STANDARD 100**

Criteria	Résultats				Limits values Oeko-Tex Standard 100			
	Sample 5	Sample 6	Sample 7	Sample 8	I	II	III	IV
pH ¹		6.2			4.0-7,5	4.0-7.5	4.0-9.0	4.0-9.0
Formaldehyde - JIS 112 (ppm)								
Qualitative				Négatif				
Quantitative					nd ²	75	300	300
Extractable heavy metal (ppm)								
Sb (antimony)					30,0	30,0	30,0	
As (arsenic)					0.2	1.0	1.0	1.0
Pb (lead) ³					0.2	1.0 ⁴	1.0 ⁴	1.0 ⁴
Cd (cadmium)				< 0.1	0.1	0.1	0.1	0.1
Cr (chromium)					1.0	2.0	2.0	2.0
Cr (chromium VI)					0.5			
Co (cobalt)					1.0	4.0	4.0	4.0
Cu (copper)				< 0.1	25.0 ⁴	50.0 ⁴	50.0 ⁴	50.0 ⁴
Ni (nickel) ⁶					1.0	4.0	4.0	4.0
Hg (mercury)					0.02	0.02	0.02	0.02
Pesticides / Herbicides (ppm)⁷								
Chlorophénol (ppm)⁸								
Pentachlorophénol (PCP)				non détecté	0.05	0.5	0.5	0.5
2,3,5,6-Tétrachlorophénol (TeCP) ⁸				non détecté	0.05	0.5	0.5	0.5
Orthophénylphénol (OPP)				non détecté	50.0	100.0	100.0	100.0
Plasticizers PVC - Phtalates (%)⁹								
DINP+ DNOP+ DEHP+ DIDP+ BBP+ DBP					0.1			
DEHP + BBP + DBP						0.1		
Organics tin compounds (ppm)								
TBT					0.5	1.0	1.0	1.0
DBT					1.0	2.0	2.0	2.0
TPhT					0.5	1.0	1.0	1.0
dyes (ppm)								
Arylamines cleavable ^{8, 10}		< 20		< 20	not used ⁵			
Carcinogens ⁸					not used ⁵			
Allergens ⁸					not used ⁵			
Others ⁸					not used ⁵			
Carriers (ppm)								
Biological active products								
Flame retardant products								
General					none ¹¹			
PBB, TRIS, TEPA, pentaBDE, octaBDE ⁽⁶⁾					not used			
Color fastness								
To water	5		5		3			
To acidic perspiration			5		3 - 4			
To alkaline perspiration			5		3 - 4			
To rubbing dry ^{13, 14}	5		5		4			
To saliva and perspiration					Fast			
Determination of odours								
General	no detected	no detected	no detected	no detected	no abnormal odour ¹⁶			
SNV 195 651 ¹⁵					3	3	3	3

1) Those products which must be treated wet during the further processing can have a pH value within 4.0 - 10.5 ; those leather products, coated or laminated, in product class IV a pH value within 3.5 and 9.0 is accepted.

2) n.d. corresponds according to "Japanese Law 112" test method with an absorbance unit less than 0.05 resp. < 16ppm

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5) Quantification limits : for Cr (VI) 0.5ppm, for arylamines 20 ppm, for dyestuffs 50 ppm

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16) No odour from mould, high boiling fraction of petrol, fish, aromatic hydrocarbons or perfume

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ACCORDING OEKO-TEX® STANDARD 100**

Criteria	Résultats				Limits values Oeko-Tex Standard 100			
	Sample 9	Sample 10	Sample 11	Sample 12	I	II	III	IV
pH ¹		6.2		6.1	4.0-7.5	4.0-7.5	4.0-9.0	4.0-9.0
Formaldehyde - JIS 112 (ppm)								
Qualitative								
Quantitative					nd ²	75	300	300
Extractable heavy metal (ppm)								
Sb (antimony)					30,0	30,0	30,0	
As (arsenic)					0.2	1.0	1.0	1.0
Pb (lead) ³		< 0.1			0.2	1.0 ⁴	1.0 ⁴	1.0 ⁴
Cd (cadmium)					0.1	0.1	0.1	0.1
Cr (chromium)		< 0.1			1.0	2.0	2.0	2.0
Cr (chromium VI)					0.5			
Co (cobalt)					1.0	4.0	4.0	4.0
Cu (copper)					25.0 ⁴	50.0 ⁴	50.0 ⁴	50.0 ⁴
Ni (nickel) ⁵					1.0	4.0	4.0	4.0
Hg (mercury)					0.02	0.02	0.02	0.02
Pesticides / Herbicides (ppm)⁷								
Chlorophénol (ppm)⁸								
Pentachlorophénol (PCP)					0.05	0.5	0.5	0.5
2,3,5,6-Tétrachlorophénol (TeCP) ⁹					0.05	0.5	0.5	0.5
Orthophénylphénol (OPP)					50.0	100.0	100.0	100.0
Plasticizers PVC - Phtalates (%)⁹								
DINP+ DNOP+ DEHP+ DIDP+ BBP+ DBP					0.1			
DEHP + BBP + DBP						0.1		
Organics tin compounds (ppm)								
TBT					0.5	1.0	1.0	1.0
DBT					1.0	2.0	2.0	2.0
TPhT					0.5	1.0	1.0	1.0
dyes (ppm)								
Arylamines cleavable ^{8, 10}					not used ⁵			
Carcinogens ⁸					not used ⁵			
Allergens ⁸					not used ⁵			
Others ⁸					not used ⁵			
Carriers (ppm)								
Biological active products								
Flame retardant products								
General					none ¹¹			
PBB, TRIS, TEPA, pentaBDE, octaBDE ⁽⁸⁾					not used			
Color fastness								
To water	5				3			
To acidic perspiration			5		3 - 4			
To alkaline perspiration			5		3 - 4			
To rubbing dry ^{13, 14}	5				4			
To saliva and perspiration					Fast			
Determination of odours								
General	no detected	no detected	no detected	no detected	no abnormal odour ¹⁶			
SNV 195 651 ¹⁵					3	3	3	3

1) Those products which must be treated wet during the further processing can have a pH value within 4.0 - 10.5 ; those leather products, coated or laminated, in product class IV a pH value within 3.5 and 9.0 is accepted.

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ACCORDING OEKO-TEX® STANDARD 100**

Criteria	Résultats				Limits values Oeko-Tex Standard 100			
	Sample 13	Sample 14	Sample 15	Sample 16	I	II	III	IV
pH ¹				6.3	4.0-7,5	4.0-7.5	4.0-9.0	4.0-9.0
Formaldehyde - JIS 112 (ppm)								
Qualitative			Négatif					
Quantitative					nd ²	75	300	300
Extractable heavy metal (ppm)								
Sb (antimony)	< 0.1				30,0	30,0	30,0	
As (arsenic)					0.2	1.0	1.0	1.0
Pb (lead) ³	< 0.1				0.2	1.0 ⁴	1.0 ⁴	1.0 ⁴
Cd (cadmium)	< 0.1				0.1	0.1	0.1	0.1
Cr (chromium)	< 0.1				1.0	2.0	2.0	2.0
Cr (chromium VI)					0.5			
Co (cobalt)					1.0	4.0	4.0	4.0
Cu (copper)					25.0 ⁴	50.0 ⁴	50.0 ⁴	50.0 ⁴
Ni (nickel) ⁶					1.0	4.0	4.0	4.0
Hg (mercury)					0.02	0.02	0.02	0.02
Pesticides / Herbicides (ppm)⁷								
Chlorophénol (ppm) ⁸								
Pentachlorophénol (PCP)	Non détecté				0.05	0.5	0.5	0.5
2,3,5,6-Tétrachlorophénol (TeCP) ⁸	Non détecté				0.05	0.5	0.5	0.5
Orthophénylphénol (OPP)	Non détecté				50.0	100.0	100.0	100.0
Plasticizers PVC - Phtalates (%)⁹								
DINP+ DNOP+ DEHP+ DIDP+ BBP+ DBP					0.1			
DEHP + BBP + DBP			2.4			0.1		
Organics tin compounds (ppm)								
TBT					0.5	1.0	1.0	1.0
DBT					1.0	2.0	2.0	2.0
TPhT					0.5	1.0	1.0	1.0
dyes (ppm)								
Arylamines cleavable ^{8, 10}			< 20		not used ⁵			
Carcinogens ⁸					not used ⁵			
Allergens ⁸					not used ⁵			
Others ⁸					not used ⁵			
Carriers (ppm)					1.0			
Biological active products					none ^{11, 12}			
Flame retardant products								
General					none ¹¹			
PBB, TRIS, TEPA, pentaBDE, octaBDE ⁽⁸⁾					not used			
Color fastness								
To water	4-5				3			
To acidic perspiration	4-5			4-5	3 - 4			
To alkaline perspiration	4-5			4-5	3 - 4			
To rubbing dry ^{13, 14}	5				4			
To saliva and perspiration					Fast			
Determination of odours								
General	no detected	no detected	no detected	no detected	no abnormal odour ¹⁶			
SNV 195 651 ¹⁵					3	3	3	3

1) Those products which must be treated wet during the further processing can have a pH value within 4.0 - 10.5 ; those leather products, coated or laminated, in product class IV a pH value within 3.5 and 9.0 is accepted.

2) n.d. corresponds according to "Japanese Law 112" test method with an absorbance unit less than 0.05 resp. < 16ppm

3) The use of lead and lead alloys is forbidden

4) No requirement for accessories made from inorganic materials

5) Quantification limits : for Cr (VI) 0.5ppm, for arylamines 20 ppm, for dyestuffs 50 ppm

6) Including the requirement by EC-Directive 94/27/EC

7) For natural fibres only

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13) No requirements for "wash-out" - articles

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15) For textile carpets, mattresses as well as foams and large coated articles not being used for clothing

16) No odour from mould, high boiling fraction of petrol, fish, aromatic hydrocarbons or perfume

**"CONFIDENCE IN TEXTILES - TESTED FOR HARMFUL SUBSTANCES"
ACCORDING OEKO-TEX® STANDARD 100**

Criteria	Résultats				Limits values Oeko-Tex Standard 100			
	Sample 17	Sample 18	Sample 19	Sample 20	I	II	III	IV
	pH ¹			6.4		4.0-7.5	4.0-7.5	4.0-9.0
Formaldehyde - JIS 112 (ppm)								
Qualitative	Négatif		Négatif	Négatif				
Quantitative					nd ²	75	300	300
Extractable heavy metal (ppm)								
Sb (antimony)					30,0	30,0	30,0	
As (arsenic)					0.2	1.0	1.0	1.0
Pb (lead) ³					0.2	1.0 ⁴	1.0 ⁴	1.0 ⁴
Cd (cadmium)					0.1	0.1	0.1	0.1
Cr (chromium)					1.0	2.0	2.0	2.0
Cr (chromium VI)					0.5			
Co (cobalt)					1.0	4.0	4.0	4.0
Cu (copper)					25.0 ⁴	50.0 ⁴	50.0 ⁴	50.0 ⁴
Ni (nickel) ⁶					1.0	4.0	4.0	4.0
Hg (mercury)					0.02	0.02	0.02	0.02
Pesticides / Herbicides (ppm)⁷								
Chlorophénol (ppm)⁸								
Pentachlorophénol (PCP)					0.05	0.5	0.5	0.5
2,3,5,6-Tétrachlorophénol (TeCP) ⁸					0.05	0.5	0.5	0.5
Orthophénylphénol (OPP)					50.0	100.0	100.0	100.0
Plasticizers PVC - Phtalates (%)⁹								
DINP+ DNOP+ DEHP+ DIDP+ BBP+ DBP					0.1			
DEHP + BBP + DBP						0.1		
Organics tin compounds (ppm)								
TBT					0.5	1.0	1.0	1.0
DBT					1.0	2.0	2.0	2.0
TPhT					0.5	1.0	1.0	1.0
dyes (ppm)								
Arylamines cleavable ^{8,10}	< 20		< 20					not used ⁵
Carcinogens ⁸								not used ⁵
Allergens ⁸								not used ⁵
Others ⁸								not used ⁵
Carriers (ppm)								1.0
Biological active products								none ^{11,12}
Flame retardant products								
General								none ¹¹
PBB, TRIS, TEPA, pentaBDE, octaBDE ^(B)								not used
Color fastness								
To water		3						3
To acidic perspiration		3-4						3-4
To alkaline perspiration		3						3-4
To rubbing dry ^{13,14}		4-5						4
To saliva and perspiration					Fast			
Determination of odours								
General	no detected	no detected	no detected	no detected				no abnormal odour ¹⁶
SNV 195 651 ¹⁵					3	3	3	3

1) Those products which must be treated wet during the further processing can have a pH value within 4.0 - 10.5 ; those leather products, coated or laminated, in product class IV a pH value within 3.5 and 9.0 is accepted.

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 ACCORDING OEKO-TEX® STANDARD 100**

Criteria	Résultats				Limits values Oeko-Tex Standard 100			
	Sample 21	Sample 22	Sample 23	Sample 24	I	II	III	IV
pH ¹	5.9				4.0-7.5	4.0-7.5	4.0-9.0	4.0-9.0
Formaldehyde - JIS 112 (ppm)								
Qualitative				Négatif				
Quantitative					nd ²	75	300	300
Extractable heavy metal (ppm)								
Sb (antimony)			< 0.1		30.0	30.0	30.0	
As (arsenic)			< 0.1		0.2	1.0	1.0	1.0
Pb (lead) ³	< 0.1		< 0.1		0.2	1.0 ⁴	1.0 ⁴	1.0 ⁴
Cd (cadmium)	< 0.1		< 0.1		0.1	0.1	0.1	0.1
Cr (chromium)			< 0.1		1.0	2.0	2.0	2.0
Cr (chromium VI)					0.5			
Co (cobalt)			< 0.1		1.0	4.0	4.0	4.0
Cu (copper)			0.7		25.0 ⁴	50.0 ⁴	50.0 ⁴	50.0 ⁴
Ni (nickel) ⁶			< 0.1		1.0	4.0	4.0	4.0
Hg (mercury)			< 0.01		0.02	0.02	0.02	0.02
Pesticides / Herbicides (ppm)⁷								
Chlorophénol (ppm)⁸								
Pentachlorophénol (PCP)				Non détecté	0.05	0.5	0.5	0.5
2,3,5,6-Tétrachlorophénol (TeCP) ⁸				Non détecté	0.05	0.5	0.5	0.5
Orthophénylphénol (OPP)				Non détecté	50.0	100.0	100.0	100.0
Plasticizers PVC - Phtalates (%)⁹								
DINP+ DNOP+ DEHP+ DIDP+ BBP+ DBP					0.1			
DEHP + BBP + DBP						0.1		
Organics tin compounds (ppm)								
TBT			Non détecté		0.5	1.0	1.0	1.0
DBT			Non détecté		1.0	2.0	2.0	2.0
TPHT			Non détecté		0.5	1.0	1.0	1.0
dyes (ppm)								
Arylamines cleavable ^{8, 10}				< 20	not used ⁵			
Carcinogens ⁸					not used ⁵			
Allergens ⁸					not used ⁵			
Others ⁸					not used ⁵			
Carriers (ppm)					1.0			
Biological active products					none ^{11, 12}			
Flame retardant products								
General					none ¹¹			
PBB, TRIS, TEPA, pentaBDE, octaBDE ⁽⁸⁾					not used			
Color fastness								
To water		5			3			
To acidic perspiration					3 - 4			
To alkaline perspiration					3 - 4			
To rubbing dry ^{13, 14}		5			4			
To saliva and perspiration					Fast			
Determination of odours								
General	no detected	no detected	no detected	no detected	no abnormal odour ¹⁶			
SNV 195 651 ¹⁵					3	3	3	3

1) Those products which must be treated wet during the further processing can have a pH value within 4.0 - 10.5 ; those leather products, coated or laminated, in product class IV a pH value within 3.5 and 9.0 is accepted.

2) n.d. corresponds according to "Japanese Law 112" test method with an absorbance unit less than 0.05 resp. < 16ppm

3) The use of lead and lead alloys is forbidden

4) No requirement for accessories made from inorganic materials

5) Quantification limits : for Cr (VI) 0.5ppm, for arylamines 20 ppm, for dyestuffs 50 ppm

6) Including the requirement by EC-Directive 94/27/EC

7) For natural fibres only

8) The individual substances are listed in Appendix 5

9) For coated articles, plastisol prints, flexible foams, and accessories made from plastics

10) For all materials containing polyurethane

11) With exception of treatments accepted by Oeko-Tex (see actual list on <http://www.oeko-tex.com>)

12) Product class IV : requirement to be met from 1.1.2009

13) No requirements for "wash-out" - articles

14) For pigment, vat or sulphurous colorants a minimum grade of colour fastness to rubbing of 3 (dry) is acceptable

15) For textile carpets, mattresses as well as foams and large coated articles not being used for clothing

16) No odour from mould, high boiling fraction of petrol, fish, aromatic hydrocarbons or perfume

**"CONFIDENCE IN TEXTILES - TESTED FOR HARMFUL SUBSTANCES"
ACCORDING OEKO-TEX® STANDARD 100**

Criteria	Résultats				Limits values Oeko-Tex Standard 100			
	Sample 25	Sample 26	Sample 27	Sample	I	II	III	IV
pH ¹		6.3			4.0-7.5	4.0-7.5	4.0-9.0	4.0-9.0
Formaldehyde - JIS 112 (ppm)								
Qualitative								
Quantitative					nd ²	75	300	300
Extractable heavy metal (ppm)								
Sb (antimony)					30,0	30,0	30,0	
As (arsenic)					0.2	1.0	1.0	1.0
Pb (lead) ³					0.2 ⁴	1.0 ⁴	1.0 ⁴	1.0 ⁴
Cd (cadmium)					0.1	0.1	0.1	0.1
Cr (chromium)					1.0	2.0	2.0	2.0
Cr (chromium VI)					0.5			
Co (cobalt)					1.0	4.0	4.0	4.0
Cu (copper)					25.0 ⁴	50.0 ⁴	50.0 ⁴	50.0 ⁴
Ni (nickel) ⁶					1.0	4.0	4.0	4.0
Hg (mercury)					0.02	0.02	0.02	0.02
Pesticides / Herbicides (ppm)⁷								
Chlorophénol (ppm)⁸								
Pentachlorophénol (PCP)					0.05	0.5	0.5	0.5
2,3,5,6-Tétrachlorophénol (TeCP) ⁹					0.05	0.5	0.5	0.5
Orthophényphénol (OPP)					50.0	100.0	100.0	100.0
Plasticizers PVC - Phtalates (%)⁹								
DINP+ DNOP+ DEHP+ DIDP+ BBP+ DBP					0.1			
DEHP + BBP + DBP		Non détecté				0.1		
Organics tin compounds (ppm)								
TBT					0.5	1.0	1.0	1.0
DBT					1.0	2.0	2.0	2.0
TPhT					0.5	1.0	1.0	1.0
dyes (ppm)								
Arylamines cleavable ^{8, 10}					not used ⁵			
Carcinogens ⁵					not used ⁵			
Allergens ⁸					not used ⁵			
Others ⁸					not used ⁵			
Carriers (ppm)								
Biological active products					1.0			
Flame retardant products								
General					none ¹¹			
PBB, TRIS, TEPA, pentaBDE, octaBDE ⁽⁶⁾					not used			
Color fastness								
To water			4-5		3			
To acidic perspiration	4-5		5		3 - 4			
To alkaline perspiration	4-5		5		3 - 4			
To rubbing dry ^{13, 14}			5		4			
To saliva and perspiration					Fast			
Determination of odours								
General	no detected	no detected	no detected	no detected	no abnormal odour ¹⁶			
SNV 195 651 ¹⁵					3	3	3	3

1) Those products which must be treated wet during the further processing can have a pH value within 4.0 - 10.5 ; those leather products, coated or laminated, in product class IV a pH value within 3.5 and 9.0 is accepted.

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