



TEST REPORT



LAB LOCATION:TURKEY
LAB NO. : 593891(REV)(TR)
SERVICE TYPE: Regular
DATE IN: June 17th, 2010
DATE OUT: June 22nd, 2010
REV.DATE: July 02nd, 2010
NUMBER OF WORKING DAYS: 4.0

MATERIAL SUBMITTED : RENK YOLU KIMYA SAN. ve TIC. LTD.
(Attn: Aynur Suleymanoglu)

BUYER : /

SUPPLIER REFERENCE : HPW-310 Printing Paste Containing Gas

SAMPLE DESCRIPTION : Raw Fabric W/Print
(Claimed Fiber Content: /)
(Claimed Fabric Weight: /)

COLOUR : Print: Transparent

SUBMITTED CARE INSTRUCTION : /

REASON FOR REVISION : Supplier reference has been changed upon vendor's request.

SUMMARY OF TEST RESULTS

TEST REQUIRED	PASS	FAIL	
Total Metal (Lead, Mercury, Cadmium)			See Result in Page 2
APEO			See Result in Page 2
Phthalates*			See Result in Page 2
PVC			See Result in Page 2
Formaldehyde*			See Result in Page 2
* UKAS Accredited- See Appendix A			

Remark 1: The test methods used are based on vendor's submitted test methods.

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PAGE 1 OF 3

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**REMARK:**

2. *= The reported expanded uncertainty is based on the standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%. Unless otherwise is specified, the uncertainty of measurement has not been taken into account when assessing pass/fail of the sample against the requirements of the standard. In case consideration of measurement uncertainties when assessing pass/ fail limits, some results may be in borderline. Information on uncertainty is contained in appendix A on this report

Parameter* [unit]	Standard / Method	Limits	Result
Nonylphenoethoxylates, NPEO(mg/kg)	Textiles/leather: Methanol extraction followed by LC-MS; Plastics/prints: THF/ACN extraction followed by LC-MS; Detection limit: 50 mg/kg	/	n.d.
Octylphenoethoxylates, OPEO (mg/kg)	Textiles/leather: Methanol extraction followed by LC-MS; Plastics/prints: THF/ACN extraction followed by LC-MS; Detection limit: 50 mg/kg	/	n.d.
PVC	Burning test by Beilsteins test	/	No PVC
Formaldehyde [mg/kg]-	ISO 14184-1; Acetylaceton method / similar to Japanese method Law 112; reporting limit: 16 mg/kg	/	<16
Total content of o-phthalatic esters [mg/kg]	BVCPS inhouse method / extraction with THF/ACN followed by GC-MS or LC-MS analysis.	/	DIBP: 104
Pb (ppm)	Total metal content by microware digestion with HNO ₃ / H ₂ O ₂ and ICP-MS analysis	/	<10
Cadmium	Total metal content by microware digestion with HNO ₃ / H ₂ O ₂ and ICP-MS analysis	/	<10
Mercury	Total metal content by microware digestion with HNO ₃ / H ₂ O ₂ and ICP-MS analysis	/	<0.5

n.d. : Not Detected

***List of tested compounds****Total content of o-phthalatic esters**

Name	CAS-Nr.
Dimethylphthalat	[131-11-3]
Diethylphthalat	[84-66-2]
Dipropylphthalat	[131-16-8]
Di-iso-butylphthalat	[84-69-5]
Di-n-butylphthalat	[84-74-2]
Dipentylphthalat	[131-18-0]
Dihexylphthalat	[84-75-39]
Benzylbutylphthalat	[85-68-7]
Dicyclohexylphthalat	[84-61-7]
Dinonylphthalat	[84-76-4]
Di-(2-ethylhexyl)phthalat	[117-81-7]
Di-n-octylphthalat	[117-84-0]
Diisooctylphthalat	[27554-26-3]
Diisononylphthalat	[28553-12-0] und [68515-48-0]
Diisodecylphthalat	[26761-40-0] und [68515-49-1]

TEST NAME	STANDARD NAME	MEASUREMENT UNCERTAINTY
Phthalates	In-house test method CPSD-AN-00095-MTHD	±0.14 x result
Formaldehyde	BS EN ISO 14184-1:1999	± %8

END OF REPORT