



TEST REPORT



LAB LOCATION:TURKEY
LAB NO. : 593898(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 620 Glitter Base

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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**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. | / | n.d. |
| 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