



REPORT

1055379-RER-ing

EKOTEKS

| | |
|------------------------|-----------------------------------------------------------------|
| REPORT NUMBER: | 1055379-RER-ing |
| RECEIPT DATE | 18.10.2010 |
| ISSUE DATE | 01.11.2010 |
| BUYER NAME: | - |
| CLIENT NAME: | KAYA PLASTİK BRANDA SAN. TİC. LTD. ŞTİ. |
| ADDRESS: | Fevzipaşa Mah. Söğüt Cad. No:7 Değirmenköy/Silivri/ İSTANBUL |
| CONTACT PERSON: | ŞABAN KAHRAMAN |

| | |
|----------------------------|---------------------------|
| SAMPLE DESCRIPTION: | White plastic panel (PVC) |
| SAMPLING: | Not specified. |
| ORDER NUMBER: | - |
| ARTICLE NUMBER: | - |
| END-USE: | - |
| CARE LABEL: | Not Given. |

| REQUIRED TESTS | RESULT | COMMENTS |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|
| ECOLOGICAL TESTS ⁽¹⁾ | | |
| Carcinogenic&Allergenic Disperse Dyestuffs | P | |
| Toxicity | | |
| PHYSICAL PROPERTIES TESTS | | |
| Tear Strength | | |
| Tensile Strength | | |
| COLOUR FASTNESS TESTS | | |
| Işık Haslığı | - | |
| P: Pass F: Fail R: Refer to retailer technologist. ⁽¹⁾ Evaluated according to eco textile limit values. No requirements were given. These tests were performed between 18.10.2010 – 22.10.200. | | |

REMARK: This report can not be reproduced, except in full, without written approval of the laboratory. The results given in this report belong to the received sample. Original samples are kept for 3 month and all technical records are kept for 5 years unless otherwise specified. The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. Tests marked (*) in this report are not included in the DAP Accreditation Schedule for this Laboratory.

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Supervisor

Controlled by
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TEST RESULTS

CARCINOGENIC&ALLERGENIC DYETUFFS; DIN 54231: 2005

Extraction at 70°C in methanol. Clean up by filtration and detection by LC-MS

| | <u>RESULT</u> | <u>REQUIREMENT</u> |
|---------------------------------|---------------------|--------------------|
| Carcinogenic Dyes | | |
| Disperse Blue 1 | N.D. ⁽¹⁾ | N.D |
| Disperse Yellow 3 | N.D. ⁽¹⁾ | N.D |
| Disperse orange 11 | N.D. ⁽¹⁾ | N.D |
| Allergenic Disperse Dyes | | |
| Disperse Blue 1 | N.D. ⁽¹⁾ | N.D |
| Disperse Yellow 3 | N.D. ⁽¹⁾ | N.D |
| Disperse Blue 3 | N.D. ⁽¹⁾ | < 50.0 mg/kg |
| Disperse Blue 7 | N.D. ⁽¹⁾ | < 50.0 mg/kg |
| Disperse Blue 26 | N.D. ⁽¹⁾ | < 50.0 mg/kg |
| Disperse Blue 35 | N.D. ⁽¹⁾ | < 50.0 mg/kg |
| Disperse Blue 102 | N.D. ⁽¹⁾ | < 50.0 mg/kg |
| Disperse Blue 106 | N.D. ⁽¹⁾ | < 50.0 mg/kg |
| Disperse Blue 124 | N.D. ⁽¹⁾ | < 50.0 mg/kg |
| Disperse Brown 1 | N.D. ⁽¹⁾ | < 50.0 mg/kg |
| Disperse Orange 1 | N.D. ⁽¹⁾ | < 50.0 mg/kg |
| Disperse Orange 3 | N.D. ⁽¹⁾ | < 50.0 mg/kg |
| Disperse Orange 76/37 | N.D. ⁽¹⁾ | < 50.0 mg/kg |
| Disperse Red 1 | N.D. ⁽¹⁾ | < 50.0 mg/kg |
| Disperse Red 11 | N.D. ⁽¹⁾ | < 50.0 mg/kg |
| Disperse Red 17 | N.D. ⁽¹⁾ | < 50.0 mg/kg |
| Disperse Yellow 1 | N.D. ⁽¹⁾ | < 50.0 mg/kg |
| Disperse Yellow 9 | N.D. ⁽¹⁾ | < 50.0 mg/kg |
| Disperse Yellow 39 | N.D. ⁽¹⁾ | < 50.0 mg/kg |
| Disperse Yellow 49 | N.D. ⁽¹⁾ | < 50.0 mg/kg |

⁽¹⁾ N.D: Not Detected

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TEST RESULTS

TOXICITY;EN71 Part 3 (*)

Sample is extracted in HCl @ 37°C 2 hours.

Sample extract is filtrated, then measured by using ICP/MS.

| | <u>RESULT</u> | <u>REQUIREMENT</u> |
|----------------|--------------------|--------------------|
| Antimony | N.D ⁽¹⁾ | < 60 ppm |
| Arsenic | N.D ⁽¹⁾ | < 25 ppm |
| Barium | N.D ⁽¹⁾ | < 1000 ppm |
| Cadmium | N.D ⁽¹⁾ | < 75 ppm |
| Total Chromium | N.D ⁽¹⁾ | < 60 ppm |
| Lead | N.D ⁽¹⁾ | < 90 ppm |
| Mercury | N.D ⁽¹⁾ | < 60 ppm |
| Selenium | N.D ⁽¹⁾ | < 500 ppm |

N.D⁽¹⁾: Not Detected.

TEAR STRENGTH; ISO 4674-1: 2000 (*)

INSTRON 4411 (50±5mm/min).

Performed in the conditioned room (20±2°C-65%±4).

| | <u>RESULT</u> | <u>REQUIREMENT</u> |
|------------|---------------|--------------------|
| Widthwise | 447.8 N | - |
| Lengthwise | 413.2 N | - |

TENSILE STRENGTH; ISO 1421 Method 1: 1998(*)

INSTRON 4411 (50±5mm/min). Strip Method.

Performed in the conditioned room (20±2°C-65%±4).

| | <u>RESULT</u> | <u>REQUIREMENT</u> |
|------------|---------------|--------------------|
| Widthwise | 1477 N | - |
| Lengthwise | 3132 N | - |

Total uncertainty for load = ± %0.8



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TEST RESULTS

LIGHT;ISO 105 B02:1994

CI 4000 Light Fastness Tester. Faded up to grade 5.
Evaluated with standart blue wool scale.

RESULT
5+

REQUIREMENT
-

Total uncertainty= $\pm 0,5$ grade

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AUSTRIA HELLAS
ISO 9001:2000
Cert. No: 0108248



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