

## TEST REPORT

Page 1 of 4

**REPORT NUMBER :** TURT170227375  
**APPLICANT NAME :** Plassan Kimyevi Mad.ve Amb.San.Tic.Ltd.Şti.  
**ADDRESS :** O.S.B. 3. Cd. No:16- Kayseri / TURKEY  
TEL:0352 321 11 30FAX:0352 321 11 29  
**Attention :** Hadi Yıldız ( hadiyildiz@plassan.net )  
**SAMPLE DESCRIPTION :** See attachment  
**DATE IN :** 4 December ,2017 ( 13:25:00)  
**DATE OUT :** 7 December ,2017  
**COUNTRY OF ORIGIN :** TURKEY  
**REQUEST.** RoHS Test was performed according to 2011/65/EU Directive.  
**RESULTS:** See attachment

PART	DESCRIPTION	CONCLUSION
Sample 1	LDFE Film (Low Density Polyethylene)	Pass
Sample 2	HDPE Film (High Density Polyethylene)	Pass
Sample 3	Stretch Film	Pass

This report (including any enclosures and attachments) are prepared for the exclusive use of the Customer(s) named in the report and solely for the purpose for which it is provided and on the basis of instructions and information and/or materials supplied by Intertek's Customer. The test results relate only to the specific items tested and are not intended to be a recommendation for any particular course of action. Customer is responsible for acting as it sees fit on the basis of such results. Unless Intertek provide express prior written consent, no part of this report should be reproduced, distributed or communicated to any third party. Intertek do not accept any liability if this report is used for an alternative purpose from which it is intended, nor do Intertek owe any duty of care to any third party in respect of this report. Except where explicitly agreed in writing, all work and services performed is governed by Intertek Standard Terms and Conditions of Service which is available on request or can be obtained at <http://www.intertek.com/terms>. The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with ISO/IEC 17025 and TÜRKAK accreditation requirements. Unless otherwise is specified, all Pass or Fail results are given without uncertainty considered. When uncertainty is taken into account, the result may be borderline. Borderline results need to be re-tested to determine their disposition up to customer's decision. Opinions and interpretations expressed herein are outside the scope of TÜRKAK accreditation. Tests marked (\*) in this test report are not included in the TÜRKAK accreditation schedule for this laboratory.



Volkan ALBAYRAK  
Customer Care Executive



Zeynep AKIN  
Chemical Laboratory Manager

**Intertek Test Hizmetleri A.S.**  
Merkez Mahallesi Sanayi Cad. No.23 Altindag Plaza Yenibosna-34197 /ISTANBUL  
Phone : +90 212 496 46 46 Fax: +90 212 452 80 55  
e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)  
<http://www.intertek-turkey.com>

170227375

**TEST REPORT**

7 December ,2017

REPORT : TURT170227375

Page 2 of 4

**(A) TEST RESULT SUMMARY ACCORDING TO IEC 62321**

**Electrotechnical Products-Determination of Levels of Six Regulated Substances**

TESTING ITEM	RESULT		
	Sample 1	Sample 2	Sample 3
	Part	Part	Part
Cadmium (Cd) Content	ND	ND	ND
Chromium VI (Cr+6) Content (ppm) (for non- metal)	ND	ND	ND
Chromium VI (Cr+6) Content (µg/cm <sup>2</sup> ) (for metal)	NA	NA	NA
Lead (Pb) Content	ND	ND	ND
Mercury (Hg) Content	ND	ND	ND
Flame Retardants			
<b>Polybrominated Biphenyls (PBB)</b>	ND	ND	ND
Monobromobiphenyl (MonoBB)	ND	ND	ND
Dibromobiphenyl (DiBB)	ND	ND	ND
Tribromobiphenyl (TriBB)	ND	ND	ND
Tetrabromobiphenyl (TetraBB)	ND	ND	ND
Pentabromobiphenyl (PentaBB)	ND	ND	ND
Hexabromobiphenyl (HexaBB)	ND	ND	ND
Heptabromobiphenyl (HeptaBB)	ND	ND	ND
Octabromobiphenyl (OctaBB)	ND	ND	ND
Nonabromobiphenyl (NonaBB)	ND	ND	ND
Decabromobiphenyl (DecaBB)	ND	ND	ND
<b>Polybrominated Diphenyl Ethers (PBDE)</b>	ND	ND	ND
Monobromodiphenyl Ether (MonoBDE)	ND	ND	ND
Dibromodiphenyl Ether (DiBDE)	ND	ND	ND
Tribromodiphenyl Ether (TriBDE)	ND	ND	ND
Tetrabromodiphenyl Ether (TetraBDE)	ND	ND	ND
Pentabromodiphenyl Ether (PentaBDE)	ND	ND	ND
Hexabromodiphenyl Ether (HexaBDE)	ND	ND	ND
Heptabromodiphenyl Ether (HeptaBDE)	ND	ND	ND
Octabromodiphenyl Ether (OctaBDE)	ND	ND	ND
Nonabromodiphenyl Ether (NonaBDE)	ND	ND	ND
Decabromodiphenyl Ether (DecaBDE)	ND	ND	ND

Remarks : ppm=Parts per million based on dry weight of sample  
µg/cm<sup>2</sup>=Microgram per square centimetre  
mg/kg with 50 cm<sup>2</sup>=Milligram per kilogram with 50 square centimetre  
ND =Not detected NA =Not applicable NR =Not requested  
Estimated Total Uncertainty= ((Heavy Metal: ±7% , (PBB/PBDE: ±6% ))

**TEST REPORT**

7 December ,2017

REPORT : TURT170227375

Page 3 of 4

**(B) REQUIREMENT :**

SUBSTANCE	LIMITS	
Cadmium (Cd) Content	0.01 % (100 ppm)	
Chromium VI (Cr+6) Content (ppm) (for non metal)	0.1 % (1000 ppm)	
Chromium VI (Cr+6) Content (µg/cm <sup>2</sup> ) (for metal)	<u>Colorimetric result</u>	<u>Qualitative Result</u>
	< 0.10 µg/cm <sup>2</sup>	Negative
	≥ 0.10 µg/cm <sup>2</sup> and ≤ 0.13 µg/cm <sup>2</sup>	Inconclusive
	> 0.13 µg/cm <sup>2</sup>	Positive
Lead (Pb) Content	0.1 % (1000 ppm)	
Mercury (Hg) Content	0.1 % (1000 ppm)	
Flame Retardants	0.1 % (1000 ppm)	

**(C) TEST METHOD :**

Testing Item	Testing Method	Reporting Limit
Cadmium (Cd) Content	With reference to IEC 62321-5:2013, by microwave or acid digestion and determined by ICP-OES	2 ppm
Lead (Pb) Content	With reference to IEC 62321-5:2013, by microwave or acid digestion and determined by ICP-OES	2 ppm
Mercury (Hg) Content	With reference to IEC 62321-4:2013, by microwave or acid digestion and determined by ICP-OES	2 ppm
Chromium VI (Cr6+) (For non-metal)	With reference to IEC 62321:2008, by alkaline digestion and determined by UV-VIS spectrophotometer	1 ppm
Chromium VI (Cr6+) (For metal)	With reference to IEC 62321-7-1:2015 , by boiling water extraction and determined by UV-VIS spectrophotometer	0.1 mg/kg with 50 cm <sup>2</sup> (IN TESTING SOLUTION)
PBBs/PBDEs	With reference to IEC 62321-6:2015, by solvent extraction and determined by GC/MS and HPLC	5 ppm

**R E S U L T S**  
**REPORT : TURT170227375**

**7 December ,2017**  
**Page 4 of 4**

Sample 1



Sample 2



Sample 3



**##### END OF TEST REPORT ###**