



TEST REPORT

Page 1 of 3

REPORT NUMBER : TURT180069174
APPLICANT NAME : İbavalresa Boya ve Kimya San.Tic.A.Ş.
ADDRESS : 1. O.S.B. Oğuz Cd. No:24 Sincan Ankara / TURKEY
TEL:0312 267 56 22FAX:0312 267 56 29
Attention : Burkey Kartal (burkey.kartal@ibavalresa.com.tr)
BUYER : Hardline
SAMPLE DESCRIPTION : One sample of ESFERA Color Varnish Series Kod:703505 Prt.no:100027415
DATE IN : 10 April ,2018 (11:08:00)
RESUBMIT DATE : 11 April ,2018
DATE OUT : 17 April ,2018
ORDER NO : 7035XX
REFERENCE : 100027415
ORDER NO : 7035xx
MODEL STYLE NO : 100027415
FIBER COMPOSITION : Not Given
PROVIDED CARE LABEL : Not Given

TEST	SAMPLE
Migration of Certain Elements	1 P

P = MEETS BUYER' S REQUIREMENT / F = DOES NOT MEET BUYER' S REQUIREMENT / NR = NO REQUIREMENT / SC=STILL CONTINUES / X=NOT PERFORMED / NA = NOT APPLICABLE / LS = LACK OF SAMPLE / NC = NO COMMENT / I = INCONCLUSIVE / # = SEE RESULT / NF = NEEDS FURTHER TESTING / A = ABSENT / M = MARGINAL ACCEPT / SD = SEE DETAILS ENCLOSED / FS: FURTHER STEPS

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.

Melihat

AKIN

Melihat YILDIRIM
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
<http://www.intertek-turkey.com>



180069174

Test Method	Results	Requirements
-------------	---------	--------------

Migration of Certain Elements

BS EN 71-3:2013+A1:2014

Acid extraction method was used and migration elements content were determined by Inductively Coupled Plasma-ICP_MS

	Result	Detection Limit	Requirement
Antimony (Sb)	Not Detected	0.125 ppm	11.3 ppm
Arsenic (As)	Not Detected	0.125 ppm	0.9 ppm
Barium (Ba)	Not Detected	0.125 ppm	375 ppm
Cadmium (Cd)	Not Detected	0.125 ppm	0.3 ppm
Chromium (III)	Not Detected	0.125 ppm	9.4 ppm
Chromium (VI)	Not Detected	0.005 ppm	0.005 ppm
Lead (Pb)	Not Detected	0.125 ppm	3.4 ppm
Mercury (Hg)	Not Detected	0.0125 ppm	1.9 ppm
Selenium (Se)	Not Detected	0.125 ppm	9.4 ppm
Aluminium (Al)	5.1 ppm	0.125 ppm	1406 ppm
Boron	2.2 ppm	0.125 ppm	300 ppm
Cobalt (Co)	Not Detected	0.125 ppm	2.6 ppm
Copper (Cu)	Not Detected	0.125 ppm	156 ppm
Manganese (Mn)	0.6 ppm	0.125 ppm	300 ppm
Nickel (Ni)	Not Detected	0.125 ppm	18.8 ppm
Strontium (Sr)	Not Detected	0.125 ppm	1125 ppm
Tin (Sn)	Not Detected	1.25 ppm	3750 ppm
Organic tin*	Not Detected	0.125 ppm	0.2 ppm
Zinc (Zn)	3.6 ppm	0.125 ppm	938 ppm

*The reported value was calculated by summation of the migration values of Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin, **Dimethyl tin, Trimethyl tin, Tri-n-octyl tin and Tri-cyclohexyl tin.**

ppm (Part per million) = mg/kg
< = Less Than
ND = Not Detected

Estimated Total Uncertainty=(±13%)

RESULTS
REPORT :TURT180069174

Page 3 of 3
17 April ,2018
Hardline



END OF TEST REPORT