



TEST REPORT

Report No.: METS-R 443-04/2020

Client / Establishment : M/s. EGE Carpets
Industries Nord 25, Postbox: 190-DK-7400 Herning
Denmark

Sample ID : METS-S20-443-04
Sample Receiving Date : 20/02/2020
Reporting Date : 24/02/2020
Date of Analysis : 20/02/2020-24/02/2020
Tested by : SP/SC
Issue No : 01 (Re-Issue Date: NA)



Sample Information:

Sample Description : Highline Polyamide
HS Code : 57032018

Brief Evaluation of the Results

	Test	Compliance#
METS-S20-443-04	Physico- chemical analysis	Pass

#The product complies with GSO 1956:2009 specification limit
The corresponding test results are furnished in following page

Verified by

Team Head
Material Science Division (MSD)
Employee Code: METS AJ EC 103

Approved by

Quality Department



Issue No: 2
Form MRF 27



Report No.: METS-R 443-04/2020

Date of analysis: 20/02/2020-24/02/2020

Test Results:

Parameter	Test Method	Unit	Result	Specification Limit: GSO 1956:2009
Treatment with flame retardant substances:				
Polybrominated biphenyles (PBB)	GSO 1957:2009	ppm	Not detected	Shall be absent
Tri-(2,3-dibromopropyl)-phosphate (TRIS)		ppm	Not detected	Shall be absent
Tris-(aziridiny)-phosphin oxide (TEPA)		ppm	Not detected	Shall be absent
Flame-resistant materials-Fire Retardant:	SASO 645:2009	Not applicable for the type of sample ¹		
pH value*	ISO 3071:2005	-	6.5	4.0-7.5
Formaldehyde*	ISO 14184-1:2011	ppm	<1.0	75 Max
Insecticides, herbicides and fungicides*:				
Sum (inclusive of PCP)	GSO 1957:2009	ppm	Not detected	1.0 Max
Carcinogens	GSO 1957:2009	ppm	Not detected	Shall be absent
Allergens	GSO 1957:2009	ppm	Not detected	1.0 Max
Phenols:				
Pentachlorophenol (PCP)	GSO 1957:2009	ppm	Not detected	Shall be absent
Tetrachlorophenol (TeCP)		ppm	Not detected	Shall be absent
Ortho-Phenylphenol (OPP)		ppm	Not detected	Shall be absent

COLOR FASTNESS ANALYSIS:

1) Colorfastness to water*:

Parameter	Test Method	Unit	Results	Specification Limit: GSO 1956:2009
Change in shade	ISO 105 CO6:A2S:2010	-	4-5	3
Staining on Sec. Acetate		-	4-5	3
Staining on Cotton		-	4-5	3
Staining on Nylon		-	4-5	3
Staining on Polyester		-	4-5	3
Staining on Acrylic		-	4-5	3
Staining on Wool		-	4-5	3

Issue No: 2

Form MRF 27





Report No.: METS-R 443-04/2020

Date of analysis: 20/02/2020-24/02/2020

2) Colorfastness to rubbing*:

Parameters	Test Method	Unit	Result	Specification Limit: GSO 1956:2009
Dry	ISO 105 X 16:2016	-	4-5	4
Wet		-	4-5	4

Note: General Fastness Ratings for Test No. 1) & 2)

For Change in Shade- 5: Excellent; 4: Good; 3: Fair; 2: Poor and 1: Very poor

For Staining- 5: Negligible or no Staining; 4: Slightly Stained; 3: Noticeable stained; 2: Considerably stained and
1: Heavily stained

*Parameter is accredited by IAS in accordance with ISO/IEC 17025: 2017

*1Applicable for tent fabric only.

The above test results are only applicable to the sample (s) referred above. This report shall not be reproduced except in full, without the written approval of METS laboratory.

For further clarification of reports, please contact qc@metslab.com

-End of Report-



Issue No: 2

Form MRF 27

Page 3 of 3