

Test Report

Test Report No.: 26852762

Issue Date: 20/10/16(DD/MM/YY)

Client Information:

Supplier No. : S1797
Client Company Name : RIF Ametist
Contact Address : 140730,Russian Federation,Moscow region,Roshal,2-y Pyatiletki st.
Client Contact Person : Medvedeva Olesya
IKEA Contacts Person : Yurchenko Andrey
Sample Receive Date/Test Start Date: 13/10/16

Sample information by applicant:

Article No. : /
Article Name : /
Article Date Stamp : /
Material Producer : RIF Ametist
Material Description : Polyurethane foam
Material Batch Number/Production Date: 3467/30.08.16
Test type : Verifying Test
Foam Type : STANDARD
Foam Grade Range : ST 1620(IKEA ST 16100)



Test Method:

Loss in thickness & hardness caused by fatigue -ISO3385/IOS-MAT-0076

Tony Watson
ITTC General Manager

The test results exclusively relate to the samples under test.

The test report shall not be reproduced except in full, without the written approval of our laboratory.

Thickness and Hardness Loss Caused by Fatigue

1. Reference standards and document

1.1 ISO 3385: 2014 Flexible cellular polymeric materials -- Determination of fatigue by constant-load pounding
1.2 ISO 2439: 2008 Flexible Cellular Polymeric Materials – Determination of Hardness
1.3 IOS-MAT-0076 AA-300587-6: 1.1.4 Loss in thickness caused by fatigue
1.4 IOS-MAT-0076 AA-300587-6: 1.1.5 Loss in hardness caused by fatigue

2. Test result

2.1 Loss in Thickness Caused by Fatigue

Sample description	IKEA requirement Thickness loss by fatigue % max.	Test results Δd (%)				Compliance symbol
		Sample 1	Sample 2	Sample 3	Average value	
STANDARD, Grade:16100	7	4.6	4.6	4.8	4.7	+

2.2 Loss in Hardness Caused by Fatigue

Sample description	IKEA requirement Hardness loss by fatigue % max.	Test results ΔH (%)				Compliance symbol
		Sample 1	Sample 2	Sample 3	Average value	
STANDARD, Grade:16100	50	41.0	41.1	41.9	41.3	+

Performed test results applies only to the tested sample/s

Following symbols are used in the report:

- + Conforms to requirement
- +* Conforms to requirement, see comment/s
- Does not conform to requirement, see comment/s, if any
- * See comment/s
- N.T. Test not performed, see comment/s
- N.A. Test not applicable to tested object

-----End of Report-----