

Postal address Swerea IVF AB Box 104 SE-431 22 MÖLNDAL Tfn +46 (0)31 706 60 00 Fax +46 (0)31 706 63		Visiting address Argongatan 30, SE- 431 53 MÖLNDAL Org. nr. 556053-1526 VAT no. SE556053-152601	
Client Egida Ltd Krasnoborskaya 2-ya Str. 420079 Kazan, Tartarstan, RUSSIA		Client's ref. no.	
		Contact person Gulnara Yakhina	Our ref. no. 5180484-2rev1.

Object

Determination of loss in thickness and hardness caused by fatigue according to IKEA specification IOS-MAT-0076, version no AA-300587-6.

Test Material

1	Material producer:	Egida Ltd
	Material description:	ST2536 polyurethane foam
	Material batch number or equivalent:	17.05.2018

The test material was received from the client 2018-06-11.

Procedure and results

Loss in thickness and hardness caused by fatigue was determined according to ISO 3385:2014 and IOS-MAT-0076, version no AA-300587-6.

Conditioning climate: (23 ±2) °C, (50 ±3) % RH

Date of test: 2018-06-15 -- 20


Table 1. Loss in thickness and hardness caused by fatigue

Test material	Specimen	Δd	ΔH
		[%]	[%]
1	1	4.03	36.90
	2	3.84	34.81
	3	3.75	36.98
	Mean value	3.87	36.23
	Result	4.0	36

All results relate only to the material tested.

Mölndal, 2018-07-10

Swerea IVF



Simonetta Granello
Project leader, Foam Testing



Monica Cristea
Test engineer