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Client <b>Egida Ltd</b> <b>Krasnoborskaya 2-ya Str.</b> <b>420079 Kazan, Tartarstan, RUSSIA</b>		Client's ref. no.	
		Contact person <b>Gulnara Yakhina</b>	Our ref. no. <b>5180238-6</b>

### 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:	HR3035 polyurethane foam
	Material batch number or equivalent:	05.04.2018

The test material was received from the client 2018-05-07.

### 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: 2018-05-24 -- 28


Table 1. Loss in thickness and hardness caused by fatigue

Test material	Specimen	Δd	ΔH
		[%]	[%]
	1	3.09	25.25
	2	2.51	21.34
	<b>Mean value</b>	<b>2.80</b>	<b>23.29</b>
	<b>Result</b>	<b>3.0</b>	<b>23</b>

All results relate only to the material tested.

Mölndal, 2018-05-30

Swerea IVF

  
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Project leader, Foam Testing

  
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