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Client <b>RIF Ametist Ltd.</b> <b>Vtoroy Pyatiletki Str.</b> <b>140730 ROSHAL, RUSSIA</b>		Client's ref. no.	
		Contact person <b>Olesya Medvedeva</b>	Our ref. no. <b>5070132-32</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:	RIF Ametist
	Material description:	EL2545I
	Material batch number / production date:	407 / 04/02/17

The test material was received from the client 2017-02-21

### Procedure and results

**Loss in thickness and hardness caused by fatigue** was determined according to 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: 2017-03-21 – 03-30

Table 1. Loss in thickness and hardness caused by fatigue

Test material	Specimen	$\Delta d$	$\Delta H$
		[%]	[%]
1	1	3.24	34.88
	2	3.24	30.36
	3	3.04	33.21
	<b>Mean value</b>	<b>3.17</b>	<b>32.82</b>
	<b>Result</b>	<b>3.0</b>	<b>33</b>

All results relate only to the material tested.

Mölndal, 2017-04-04

Swerea IVF



Desiré Rex  
Project leader, Foam Testing



Monica Cristea  
Test engineer

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