

Postal address RISE 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 <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>5181023-36</b>	

**Object**

Determination of loss in thickness and hardness caused by fatigue according to IKEA's specification IOS-MAT-0076, version number AA-300587-6 (2016) for flexible polyurethane foam filling.

**Test Material**

1	Material producer:	RIF Ametist
	Material description:	PU foam grade ST3040I
	Material batch number or equivalent:	3179 / production date 30.10.18
	How and where sample was taken:	Foam block

The test material was received from the client 2018-12-06.

**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:  $(23 \pm 2)$  °C,  $(50 \pm 3)$  % RH

Date of test: 2019-01-17 – 24

Table 1. Loss in thickness and hardness caused by fatigue

Test material	Specimen	$\Delta d$	$\Delta H$
		[%]	[%]
1	1	1.74	22.63
	2	1.66	23.00
	3	1.54	23.36
	<b>Mean value</b>	1.65	23.00
	<b>Result</b>	<b>1.5</b>	<b>23</b>

All results relate only to the material tested.

Möln dal, 2019-01-30

RISE IVF AB



Mary Rockström  
Project leader, Foam Testing



Monica Cristea  
Test engineer