

|  |  |  |                                   |
|--|--|--|-----------------------------------|
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| Client<br><b>RIF Ametist Ltd.</b><br><b>Vtoroy Pyatiletki Str.</b><br><b>140730 ROSHAL, RUSSIA</b>           |  | Client's ref. no.  |                                   |
|  |  | Contact person<br><b>Olesya Medvedeva</b>  | Our ref. no.<br><b>5070132-33</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:                    | HR4026         |
|   | Material batch number / production date: | 336 / 29/01/17 |

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: 2017-03-27 – 03-31

Table 1. Loss in thickness and hardness caused by fatigue

| Test material | Specimen          | $\Delta d$  | $\Delta H$   |
|---------------|-------------------|-------------|--------------|
|               |                   | [%]         | [%]          |
| 1             | 1                 | 1.56        | 20.18        |
|               | 2                 | 1.75        | 18.17        |
|               | 3                 | 1.80        | 12.25        |
|               | <b>Mean value</b> | <b>1.70</b> | <b>16.87</b> |
|               | <b>Result</b>     | <b>1.5</b>  | <b>17</b>    |

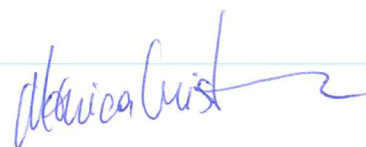
All results relate only to the material tested.

Möln dal, 2017-04-04

Swerea IVF



Desiré Rex  
Project leader, Foam Testing



Monica Cristea  
Test engineer

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