



Doc. nr. : SK-70

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Revision nr. : 9

Approved by : BV



## Test report Martindale Abrasion NS-EN ISO 12947-2 :2016

|   |                                   |                                |  |
|---|-----------------------------------|--------------------------------|--|
| Client<br><b>SAHCO GmbH</b><br><b>KREUZBURGER STRASSE 17-19</b><br><b>DE-9047 1 NÜRNBERG</b><br><b>GERMANY</b><br><b>Tyskland</b> |                                   | Product<br><b>Base/600177</b>  |  |
| Client's reference<br>Sarah Kemmerer  |                                   | Type of fabric - tested object |  |
| Date<br>20.03.2019  |                                   | R-no.<br><b>R16486</b>         |  |
| Date of receipt, tested object<br>13.03.2019  | Test completed date<br>20.03.2019 | Rev. no. / Rev. date<br>0/     |  |

Manufacturer:

Composition: 20% co,32% PAN, 6% PA, 32% wool

Pressure : 795 g(12 kPa) Type felt: Woven

The samples are conditioned at 20<sup>0</sup> C and 65 % RH for 18 hours.

Determination of the abrasion resistance of textiles on a Martindale test machine according to NS-EN 12947-2. Circular specimens of fabric are abraded against a reference fabric.

For woven fabrics the resistance to abrasion is estimated by number when two threads are broken.

For pile and chenille fabrics the resistance to abrasion is estimated by the number of cycles when the pile is fully worn off. For nonwovens the resistance to abrasion is estimated by the number when there is a hole of 2.5mm.

The lowest value of four samples gives the results.

|                       |
|-----------------------|
| Sample no. 1: 35 000  |
| Sample no. 2: 35 000  |
| Sample no. 3: 35 000  |
| Sample no. 4: 35 000  |
| <b>Result: 35 000</b> |

Significant change in appearance: 15 000

Comments: Stopped at 35 000 cycles

Deviations from test standards:

Bård Vestre  
Manager