

**Test report Martindale Abrasion  
NS-EN 12947-2 :1999**

|  |  |  |                            |
|--|--|--|----------------------------|
| Client<br><b>SAHCO Hesslein GmbH &amp; Co. KG</b><br><b>KREUZBURGER STRASSE 17-19</b><br><b>9047 1 NÜRNBERG</b><br><b>Tyskland</b> |  | Product<br><b>2704</b>                       |                            |
| Client's reference<br>Sarah Kemmerer   |  | Product specification - tested object        |                            |
| R-no.<br><b>R15503</b>   |  | Date of receipt, tested object<br>10.08.2015 |                            |
| Date<br>20.08.2015   | Date of receipt, tested object<br>10.08.2015 | Test completed date<br>20.08.2015            | Rev. no. / Rev. date<br>0/ |

**Manufacturer:**

**Composition:** 50% CO, 27% PES, 15% PA, 8% PAN

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

The samples are conditioned at 20 degrees C and 65 % relative humidity for 18 hours

Determination of the abrasion resistance of textiles on a Martindale testmachine 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 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 0.5mm.

The average of four samples gives the results.

|  |
|--|
| <p><b>Sample no. 1:</b> 80000</p> <p><b>Sample no. 2:</b> 80000</p> <p><b>Sample no. 3:</b> 80000</p> <p><b>Sample no. 4:</b> 80000</p> <p><b>Average 4 Samples:</b> 80000</p> |
|--|

**Comments:**

**Deviations from test standards:**



**Bård Vestre**  
Manager