

# TEST 107 serial number: 16

## wool, soiled with carbon black/olive oil

(STANDARD REFERENCE MATERIAL FOR TECHNICAL TESTS ONLY)

### generally:

<b>according:</b>	Swissatest standard soiling
<b>suitable:</b>	sensitive to the amount of detergent and to the level of agitation
<b>date of production:</b>	October 2020
<b>durability:</b>	August 2024 (reviewed August 2023)
<b>storing conditions:</b>	must be well packed and kept in the fridge by < 8°C.

### specification of base material:

<b>article 217</b>	wool fabric, muslin, washed
<b>thread count in cm</b>	warp: 25.6 weft: 22.8
<b>yarn count in Nm</b>	warp: 52 weft: 52
<b>weight in g/m<sup>2</sup></b>	100.0
<b>width in cm</b>	120.0
<b>Y-value</b>	78.9
<b>Rem<sub>460nm</sub></b>	66.5

### specification of soiled fabric:

<b>soiling</b>	mixture of olive oil and soot olive oil, virgin olive oil soot, carbon pigment as described in IEC 60456
<b>weight in g/m<sup>2</sup></b>	106.0
<b>width in cm</b>	122.5
<b>Y-value</b>	11.8
<b>Rem<sub>460nm</sub></b>	11.6

### measuring conditions:

instrument	DC800V (spectrophotometer)
illuminant / observer	D65 / 10°
measuring geometry	d/8°
wavelength range	420 to 750nm
filter	UV barrier at 420nm
measuring diameter	26 mm
gloss	excluded