

# TEST 101 serial number: 59

## cotton 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>	February 2023
<b>durability:</b>	February 2025
<b>storing conditions:</b>	must be well packed and kept in the fridge by < 8°C.

### specification of base material:

<b>article 211</b>	cotton fabric, percale, bleached, without optical brightener
<b>thread count in cm</b>	warp: 41 weft: 65
<b>yarn count in Nm</b>	warp: 100 weft: 100
<b>weight in g/m<sup>2</sup></b>	90.0
<b>width in cm</b>	152.0
<b>Y-value</b>	88.9
<b>Rem<sub>460nm</sub></b>	86.8

### 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>	93.0
<b>width in cm</b>	143.0
<b>Y-value</b>	16.5
<b>Rem<sub>460nm</sub></b>	15.9

### 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