

# TEST 104 serial number: 31

**polyester/cotton, 65/35, 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>	June 2024
<b>durability:</b>	May 2027 (reviewed in May 2026)
<b>storing conditions:</b>	must be well packed and kept in the fridge by < 8°C.

**specification of base material:**

<b>article 213</b>	polyester/cotton fabric, 65/35, bleached, without opt. brightener
<b>thread count in cm</b>	warp: 23.5 weft: 25.0
<b>yarn count in Nm</b>	warp: 34 weft: 34
<b>weight in g/m<sup>2</sup></b>	155.0
<b>width in cm</b>	135.0
<b>Y-value</b>	88.6
<b>Rem<sub>460nm</sub></b>	86.7

**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>	164.0
<b>width in cm</b>	135.0
<b>Y-value</b>	11.7
<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	30 mm
gloss	excluded