

# TEST 106 serial number: 44

## cotton, soiled with IEC carbon black/mineral oil

(STANDARD REFERENCE MATERIAL FOR TECHNICAL TESTS ONLY)

### generally:

<b>according:</b>	Swissatest specific soiling
<b>suitable:</b>	sensitive to the amount of detergent and to the level of agitation
<b>date of production:</b>	July 2024
<b>durability:</b>	July 2026
<b>storing conditions:</b>	must be well packed and kept in the fridge by < 8°C.

### specification of base material:

<b>article 221</b>	cotton fabric, cretonne, bleached, without optical brightener
<b>thread count in cm</b>	warp: 34 weft: 20
<b>yarn count in Tex</b>	warp: 30 weft: 50
<b>weight in g/m<sup>2</sup></b>	200.0
<b>width in cm</b>	167.0
<b>Y-value</b>	90.0
<b>Rem<sub>460nm</sub></b>	87.0

### specification of soiled fabric:

<b>soiling</b>	mixture of mineral oil and soot mineral oil as described in IEC 60456 soot, carbon pigment as described in IEC 60456
<b>weight in g/m<sup>2</sup></b>	204.0
<b>width in cm</b>	160.5
<b>Y-value</b>	24.3
<b>Rem<sub>460nm</sub></b>	23.3

### 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