

TEST 119 serial number: 19

polyester/cotton, 65/35, soiled with sebum / pigment

(STANDARD REFERENCE MATERIAL FOR TECHNICAL TESTS ONLY)

generally:

according:	swissatest standard soiling
suitable:	sensitive to the amount of detergent and slightly to the temperature
date of production:	September 2023
durability:	September 2025
storing conditions:	must be well packed and kept in the fridge by < 8°C.

specification of base material:

article 213	polyester/cotton fabric, 65/35, bleached, without opt. brightener
thread count in cm	warp: 23.5 weft: 25
yarn count in Nm	warp: 34 weft: 34
weight in g/m²	155.0
width in cm	147.0
Y-value	85.8
Rem_{460nm}	83.9

specification of soiled fabric:

soiling	mixture of sebum and pigment sebum, artificially produced sebum as described in IEC 60456 soot, carbon pigment as described in IEC 60456
weight in g/m²	160.0
width in cm	35.5
Y-value	50.0
Rem_{460nm}	48.1

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