

TEST 104 serial number: 28

polyester/cotton, 65/35, soiled with carbon black/olive oil

(STANDARD REFERENCE MATERIAL FOR TECHNICAL TESTS ONLY)

generally:

according:	swissatest standard soiling
suitable:	sensitive to the amount of detergent and to the level of agitation
date of production:	April 2022
durability:	January 2025 (reviewed in January 2024)
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: 25.0
yarn count in Nm	warp: 34 weft: 34
weight in g/m²	155.0
width in cm	135.0
Y-value	88.6
Rem_{460nm}	86.7

specification of soiled fabric:

soiling	mixture of olive oil and soot olive oil, virgin olive oil soot, carbon pigment as described in IEC 60456
weight in g/m²	165.0
width in cm	134.0
Y-value	11.7
Rem_{460nm}	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