

TEST 124 serial number: 10

cotton, with soiling according JIS C9606

(STANDARD REFERENCE MATERIAL FOR TECHNICAL TESTS ONLY)

generally:

according:	Swissatest specific soiling
suitable:	sensitive to the washing temperature, to water hardness and slightly the amount of detergents
date of production:	August 2023
durability:	August 2026
storing conditions:	must be well packed and kept in fridge by < 8°C

specification of base material:

article 210-MS	cotton fabric, plain weave, mercerised, bleached
thread count in cm	warp: 24 weft: 24
yarn count in Tex	warp: 36 weft: 36
weight in g/m²	180.0
width in cm	169.0
Y-value	87.2
Rem_{460nm}	83.8

specification of soiled fabric:

soiling	mixture of oily components and pigments oil: vegetable and synthetic oil soot: carbon pigment, kaolin and mineral pigment
weight in g/m²	201.8
width in cm	35.0
Y-value	38.7
Rem_{460nm}	35.8

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