

TEST 116 serial number: 27

cotton, soiled with sterilised protein / ink / milk

(STANDARD REFERENCE MATERIAL FOR TECHNICAL TESTS ONLY)

generally:

according:	Swissatest specific soiling
suitable:	sensitive to protease, to the amount of detergent. Influenced by added bleaching agents
date of production:	July 2024
durability:	May 2027
storing conditions:	must be well packed and kept in the dark

specification of base material:

article 221	cotton fabric, cretonne, bleached, without optical brightener
thread count in cm	warp: 34 weft: 20
yarn count in Tex	warp: 30 weft: 50
weight in g/m²	200.0
width in cm	167.0
Y-value	90.0
Rem_{460nm}	87.0

specification of soiled fabric:

soiling	mixture of sterilised protein, milk and soot, full-cream cow's milk soot, pigment as described in IEC 60456
weight in g/m²	208.0
width in cm	159.0
Y-value	12.6
Rem_{460nm}	11.5

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