

TEST 111 serial number: 291

cotton, soiled with blood

(STANDARD REFERENCE MATERIAL FOR TECHNICAL TESTS ONLY)

generally:

according:	Swissatest specific soiling
suitable:	sensitive to the amount of detergent, to protease and to the temperature
date of production:	January 2025
durability:	January 2027
storing conditions:	must be well packed and kept in the fridge by < 8°C.

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	89.2
Rem_{460nm}	85.2

specification of soiled fabric:

soiling	blood from pig, always fresh from an bio-slaughterhouse dyed with a lab textile dyeing machine > 10 minutes dried by >100°C (sanitised)
weight in g/m²	232.0
width in cm	78.0
Y-value	18.3
Rem_{460nm}	13.8

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