

TEST 112 serial number: 48

cotton, soiled with cocoa

(STANDARD REFERENCE MATERIAL FOR TECHNICAL TESTS ONLY)

generally:

according:	Swissatest specific soiling
suitable:	sensitive to enzymes, to bleaching agents and to the washing temperature
date of production:	September 2023
durability:	July 2026 (reviewed in July 2025)
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	170.0
Y-value	90.5
Rem_{460nm}	87.9

specification of soiled fabric:

soiling	mixture of cocoa and milk cocoa, 20/22% fat, not alkalisied milk, full-cream cow's milk
weight in g/m²	232.0
width in cm	158.5
Y-value	38.1
Rem_{460nm}	26.0

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