


TEST 123 serial number: 09

cotton, soiled for washing with low temperature

(STANDARD REFERENCE MATERIAL FOR TECHNICAL TESTS ONLY)

generally:

according:	Swissatest specific soiling
suitable:	sensitive to washing temperature, to protease and to detergents
date of production:	Aug 22
durability:	Aug 27
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	90.4
Rem_{460nm}	87.8

specification of soiled fabric:

soiling	a mixture of fatty components, pigment and proteins fat, vegetable oil carbon pigment as described in IEC 60456
weight in g/m²	240.0
width in cm	34.0
Y-value	21.8
Rem_{460nm}	21.3

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