

# TEST 124 serial number: 09

## cotton, with soiling according JIS C9606

(STANDARD REFERENCE MATERIAL FOR TECHNICAL TESTS ONLY)

### generally:

<b>according:</b>	Swissatest specific soiling
<b>suitable:</b>	sensitive to the washing temperature, to water hardness and slightly the amount of detergents
<b>date of production:</b>	January 2022
<b>durability:</b>	January 2025
<b>storing conditions:</b>	must be well packed and kept in fridge by < 8°C

### specification of base material:

<b>article 210-MS</b>	cotton fabric, plain weave, mercerised, bleached
<b>thread count in cm</b>	warp: 24 weft: 24
<b>yarn count in Tex</b>	warp: 36 weft: 36
<b>weight in g/m<sup>2</sup></b>	180.0
<b>width in cm</b>	169.0
<b>Y-value</b>	86.4
<b>Rem<sub>460nm</sub></b>	83.4

### specification of soiled fabric:

<b>soiling</b>	mixture of oily components and pigments oil: vegetable and synthetic oil soot: carbon pigment, kaolin and mineral pigment
<b>weight in g/m<sup>2</sup></b>	197.7
<b>width in cm</b>	36.0
<b>Y-value</b>	41.3
<b>Rem<sub>460nm</sub></b>	37.1

### 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