

TEST 124 serial number: 11

cotton, with soiling according JIS C9606

(STANDARD REFERENCE MATERIAL FOR TECHNICAL TESTS ONLY)

generally:

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| according: | Swissatest specific soiling |
| suitable: | sensitive to the washing temperature, to water hardness and slightly the amount of detergents |
| date of production: | December 2024 |
| durability: | December 2027 |
| storing conditions: | must be well packed and kept in fridge by < 8°C |

specification of base material:

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|----------------------------------|--|
| article 210-MS | cotton fabric, plain weave, mercerised, bleached |
| thread count in cm | warp: 24 weft: 24 |
| yarn count in Tex | warp: 36 weft: 36 |
| weight in g/m² | 180.0 |
| width in cm | 169.0 |
| Y-value | 86.3 |
| Rem_{460nm} | 83.2 |

specification of soiled fabric:

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| soiling | mixture of oily components and pigments oil: vegetable and synthetic oil soot: carbon pigment, kaolin and mineral pigment |
| weight in g/m² | 205.0 |
| width in cm | 34.5 |
| Y-value | 40.3 |
| Rem_{460nm} | 37.4 |

measuring conditions:

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|-----------------------|----------------------------|
| 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 |

