

TEST 128 serial number: 102

cotton jeans, soiled with carbon black/olive oil (VDA)

(STANDARD REFERENCE MATERIAL FOR TECHNICAL TESTS ONLY)

generally:

|                     |  |
|---------------------|--|
| according:          | Swissatest specific soiling  |
| suitable:           | determining the soiling and cleaning properties process for leather, plastic roll stock and textiles for use in vehicles |
| date of production: | September 2025   |
| durability:         | September 2027   |
| storing conditions: | must be well packed and kept in a fridge by < 8 °C   |

specification of  
base material:

|                            |  |
|----------------------------|--|
| article 278                | cotton jeans fabric with indigo sulphur black dyeing |
| thread count in cm         | warp: 25.0<br>weft: 16.0                             |
| yarn count in Tex          | warp: 73.8 / 1<br>weft: 98.4 / 1                     |
| weight in g/m <sup>2</sup> | 376.0  |
| width in cm                | 158.0  |
| Y-value                    | 4.4  |
| Rem <sub>460nm</sub>       | 4.8  |

specification of  
soiled fabric:

|                            |  |
|----------------------------|--|
| soiling                    | carbon black with olive oil<br>carbon black as described in IEC 60456<br>olive oil, virgin olive oil |
| weight in g/m <sup>2</sup> | 388.0  |
| width in cm                | 78.0   |
| Y-value                    | 2.6  |
| Rem <sub>460nm</sub>       | 2.8  |

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                   |