

TEST 138 serial number: 05

cotton dyed with Sulphur blue 19

generally:

| | |
|----------------------------|---|
| according: | Swissatest colour transfer monitors |
| suitable: | For assessing colour transfer within a washing process. |
| date of production: | Dec 2014 |
| durability: | Dec 2034 |
| storing conditions: | must be well packed and kept in the dark |

specification of base material:

| | |
|----------------------------------|--|
| article 211 | cotton fabric, percale, bleached, without optical brightener |
| thread count in cm | warp: 41 weft: 65 |
| yarn count in Tex | warp: 100 weft: 100 |
| weight in g/m² | 90.0 |
| width in cm | 152.0 |
| Y-value | 91.9 |
| Rem_{460nm} | 88.7 |

specification of soiled fabric:

| | |
|----------------------------------|---|
| soiling | dyed with Sulphur blue 19 with a textile dyeing process dyestuff, reactive dyestuf |
| weight in g/m² | 95.0 |
| width in cm | 141.0 |
| Y-value | 19.8 |
| Rem_{460nm} | 32.6 |

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 |

Data sheet for article 137

Sulphur Blue 19 on cotton

Serial: 05

| washing colour fastness | A1S | A2S | C1S | C2S |
|--------------------------------|-------|-------|-------|-------|
| Changing | 3 | 3 | 2 | 2 |
| staining on: | | | | |
| Triacetate filament | 4 - 5 | 4 - 5 | 4 | 4 |
| Bleached cotton | 4 | 4 | 2 | 2 |
| Polyamide 6.6 spun | 3 | 3 | 1 - 2 | 1 - 2 |
| Polyester, type 54 spun | 4 | 4 | 4 | 4 |
| Polyacrylnitrile, type 75 spun | 5 | 5 | 4 - 5 | 4 - 5 |
| Viscose spun type | 4 | 4 | 3 | 3 |

Description of the washing colour fastness:

Norm: ISO / EN 105-C06

A1S: 40°C, 30 min. 4 g/l ECE detergent

A2S: 40°C, 30 min. 4 g/l ECE detergent
1 g/l perborate

A2S: 60°C, 30 min. 4 g/l ECE detergent
pH 10.5 with soda

A2S: 60°C, 30 min. 4 g/l ECE detergent
1 g/l perborate
pH 10.5 with soda

Dry and wet rub fastness:

dry: 2

wet: 1