

TEST 133 serial number: 09

cotton dyed with Direct blue 71

generally:

according:	Swissatest colour transfer monitors
suitable:	For assessing colour transfer within a washing process.
date of production:	May 2018
durability:	May 2038
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	92.1
Rem_{460nm}	88.9

specification of soiled fabric:

soiling	dyed with Direct blue 71 with a textile deyeing process dyestuff, substantive dyestuf
weight in g/m²	90.0
width in cm	152.0
Y-value	6.0
Rem_{460nm}	12.5

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 133

Direct Blue 71 on cotton

Serial: 9

washing colour fastness	A1S	A2S	C1S	C2S
Changing	4	4	2.5	2.5
staining on:				
Triacetate filament	4.8	4.8	4.8	4.7
Bleached cotton	1.6	1.8	1.3	1.0
Polyamide 6.6 spun	4.5	4.5	2.7	2.7
Polyester, type 54 spun	4.9	4.9	4.5	4.6
Polyacrylnitrile, type 75 spun	4.8	4.8	4.3	4.4
Viscose spun type	4.8	4.9	1.0	1.0

Dry and wet rub fastness:

dry: 4.8
 wet: 2.7

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

Measuring conditions:

Instrument: DC 800V (Spectrophotometer)
 Illuminant / observer: D65 / 10°
 Measuring geometry: d/8°
 Wavelength range: 420 to 750nm
 UV filter: UV barrier at 420nm
 Measuring diameter: 9 mm
 Gloss: excluded
 Measuring program: Sedo Treepoint, QTex 2.8.2.0