

TEST 133 serial number: 10

cotton dyed with Direct blue 71

generally:

according:	Swissatest colour transfer monitors
suitable:	For assessing colour transfer within a washing process.
date of production:	February 2022
durability:	February 2042
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 dyeing process dyestuff, substantive dyestuf
weight in g/m²	93.0
width in cm	149.5
Y-value	9.2
Rem_{460nm}	19.4

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: 10

washing colour fastness	A1S	A2S		C1S	C2S
Changing	4.5	4.4	Changing	3.4	3.7
staining on:			staining on:		
Acetate	4.9	4.9	Triacetate filament	4.9	4.9
Bleached cotton	2.2	2.2	Bleached cotton	1.3	1.4
Polyamide 6.6 spun	4.0	4.0	Polyamide 6.6 spun	4.4	3.7
Polyester, type 54 spun	4.7	4.7	Polyester, type 54 spun	4.5	4.7
Polyacrylnitrile, type 75 spun	4.5	4.5	Polyacrylnitrile, type 75 spun	4.3	4.5
Wool	4.9	4.7	Viscose spun type	1.5	1.4

Dry and wet rub fastness:

dry:

wet:

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

C1S: 60°C, 30 min. 4 g/l ECE detergent

pH 10.5 with soda

C2S: 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