

TEST 130 serial number: 10

cotton dyed with Direct red 83.1

generally:

according:	Swissatest colour transfer monitors
suitable:	For assessing colour transfer within a washing process.
date of production:	Dez 2016
durability:	Nov 2036
storing conditions:	must be well packed and kept in the dark

specification of base material:

article 210	cotton fabric, plain weave, bleached, without optical brightener
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	89.8
Rem_{460nm}	85.9

specification of soiled fabric:

soiling	dyed with Direct red 83.1 with a textile deyeing process dyestuff, substantive dyestuf
weight in g/m²	183.0
width in cm	160.0
Y-value	11.6
Rem_{460nm}	14.6

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 130

Direct Red 83.1 on cotton

Serial: 10

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

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: 5
wet: 2 - 3