

TEST 132 serial number: 07

cotton dyed with Direct black 22

generally:

according:	Swissatest colour transfer monitors
suitable:	For assessing colour transfer within a washing process.
date of production:	June 2009
durability:	June 2029
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 Acid blue 113 with a textile dyeing process dyestuff, acid dyestuf
weight in g/m²	90.0
width in cm	150.0
Y-value	4.4
Rem_{460nm}	4.6

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 132

Direct Black 22 on cotton

Serial: 7

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

wet: 2