

TEST 131 serial number: 05

polyamide dyed with Acid blue 113

generally:

according:	Swissatest colour transfer monitors
suitable:	For assessing colour transfer within a washing process.
date of production:	Nov 2009
durability:	Nov 2029
storing conditions:	must be well packed and kept in the dark

specification of base material:

article 225	polyamid 6.6 fabric, percale, washed out, heat-set
thread count in cm	warp: 45 weft: 37
yarn count dtex	warp: 78 weft: 78
weight in g/m²	65.0
width in cm	155.0
Y-value	88.4
Rem_{460nm}	85.9

specification of soiled fabric:

soiling	dyed with Acid blue 113 with a textile dyeing process dyestuff, acid dyestuf
weight in g/m²	65.0
width in cm	156.0
Y-value	10.7
Rem_{460nm}	13.1

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 131

Acide Blue 113 on Polyamide

Serial: 05

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

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: 4 - 5

wet: 4 - 5