



Colour Care Fabrics

On Stains

This flyer contains information about our colour care fabrics. These fabrics can be used for Dye Transfer Inhibition, Colour Care and many more tests. We will highlight Dye Transfer Inhibition and Colour Care in this flyer.

Dye Transfer Inhibition

Based on washing conditions clothes can bleed small amounts of dye or colourant. This can cause a change of colour or transfer of colours to other fabrics called fugitive dyes in the laundry process.

Dye transfer during the laundry process can be caused by high temperatures, cycle time of washing, amount of surfactant or detergent but also by the fabric itself. To avoid these transfers Dye Transfer Inhibitors are used in laundry operations.

CFT offers standardized, high quality testmaterials to test Dye Transfer (Inhibition). See our productlist on the next page.

Colour Care

Fading of dyes is more common from clothes that have not been washed before or are washed frequently. The fading depends on the dye type, the finish, structure of fibre, detergent or surfactant, water hardness, shades of fabric and more different washing conditions. To measure the preservation of colour (colour fading) on different fabrics, CFT offers testmaterials.

CFT offers a range of testmaterials produced especially for Colour Care tests. See our productlist on the next page for more information.

Dye Transfer/Colour Care what's the difference?

When measuring Dye transfer we look at dye from a coloured fabric that transfers on to other fabrics while washing. Colour Care measures the loss of colour on a fabric itself.



AISE / CFT - COLOUR CARE FABRICS

AISE 14 main set for colour care management							
Code	Fabric	Description	Weight gram / m2	Width in cm	L*a*b - values		
					L*	a*	b*
AISE-01	Cotton	Black sulphur (untreated)	184	145	22	1	2
AISE-03	Cotton	Green vat dye	184	145	45	-33	-2
AISE-05	Cotton	Blue vat dye	184	145	41	2	-37
ASIE-08	Cotton	Yellow direct dye (CR resin)	184	145	58	12	62
AISE-16	Cotton	Red reactive dye	184	145	45	56	-1
AISE-20	Cotton	Black (1%) reactive dye	184	145	47	-8	-16
AISE-21	Cotton	Black (6%) reactive dye	184	145	27	-3	-16
AISE-22	Cotton	Orange reactive	184	145	59	49	31
AISE-24	Cotton	Blue reactive dye	184	145	65	-31	-27
AISE-26	Cotton	Violet reactive dye	184	145	62	18	-19
AISE-27	Cotton	Procion H-EXL trichromat dye	184	145	32	4	5
AISE-29	Cotton	Reactive mix: orange 107/red 198/black 5	184	145	35	1	6
AISE-33	Polyester	Blue disperse dye + heat set	184	145	21	2	-19
AISE-39	Nylon 6:6	Red acid dye + syntan	184	145	32	41	20

AISE 25 secondary set for colour care management							
Code	Fabric	Description	Weight gram / m2	Width in cm	L*a*b - values		
					L*	a*	b*
AISE-02	Cotton	Black sulphur (+ DHDMEU resin)	184	145	23	1	0
AISE-04	Cotton	Brown vat dye	184	145	43	15	12
AISE-07A	Cotton	Orange azoic dye	184	145	36	55	38
AISE-09	Cotton	Yellow direct dye (+ DHDMEU resin)	184	145	81	18	70
AISE-10	Cotton	Black direct dye (untreated)	184	145	22	0	0
AISE-11	Cotton	Black direct dye (+ CAT agent)	184	145	22	0	-2
AISE-12	Cotton	Black direct dye (+ DHDMEU resin)	184	145	23	-1	-1
AISE-13	Cotton	Rubine direct dye (untreated)	184	145	35	36	-5
AISE-14	Cotton	Rubine direct dye (+ reactive fix)	184	145	33	33	-5
AISE-15	Cotton	Rubine direct dye (+ DHDMEU resin)	184	145	35	36	-5
AISE-17	Cotton	Red B reactive dye	184	145	46	59	2
AISE-18	Cotton	Red C reactive dye	184	145	46	58	0
AISE-19	Cotton	Red D reactive dye	184	145	54	54	-5
AISE-23	Cotton	Green reactive dye	184	145	59	-34	-15
AISE-25	Cotton	Blue reactive dye	184	145	46	-3	-37
AISE-28	Cotton	Trichromatic reactive combi, oxi-bleach	184	145	41	11	9
AISE-30	Polyester	Red disperse dye (anthraquinone)	200	145	40	59	15
AISE-31	Polyester	Navy disperse dye (azo)	200	145	20*	2	-19
AISE-32	Polyester	Red disperse dye (benzodifuranone)	200	145	44	61	26
AISE-35	Polyacryl	Trichromatic dye combination	134	145	61	16	18
AISE-36	Nylon 6:6	Brown acid dye trichromatic combi	67	145	31	9	3
AISE-37	Nylon 6:6	Red acid dye (+ syntan)	67	145	41	25	21
AISE-38	Nylon 6:6	Red 2:1 chromium complex dye (untreated)	67	145	33	42	21
AISE-40	Nylon 6:6	Black 2:1 chromium complex (untreated)	67	145	22	0	-4
AISE-41	Nylon 6:6	Black 2:1 chromium complex (+ Syntan)	67	145	23	-1	-5

AISE Pastel set for colour care management							
Code	Fabric	Description	Weight gram / m2	Width in cm	L*a*b - values		
					L*	a*	b*
AISE-P01	Cotton	Pastel version: black sulphur (untreated) equi	184	145	74	-1	-2
AISE-P03	Cotton	Pastel version: green vat dye	184	145	73	-28	-2
AISE-P05	Cotton	Pastel version: blue vat dye	184	145	70	-3	-23
AISE-P08	Cotton	Pastel version: yellow direct dye (CR resin)	184	145	85	6	55
AISE-P16	Cotton	Pastel version: red reactive dye	184	145	71	36	-9
AISE-P20	Cotton	Pastel version: black (1%) reactive dye	184	145	66	-7	-12
AISE-P22	Cotton	Pastel version: orange reactive	184	145	83	21	10
AISE-P24	Cotton	Pastel version: blue reactive dye	184	145	83	-21	-13
AISE-P26	Cotton	Pastel version: violet reactive dye	184	145	83	9	-9
AISE-P27	Cotton	Pastel version: procion H-EXL trichromat dye	184	145	70	2	-7
AISE-P29	Cotton	Pastel version: reactive mix: orange 107/red 198/black 5	184	145	75	3	6
AISE-P33	Polyester	Pastel version: blue disperse dye + heat set	184	145	74	-4	-13
AISE-P39	Nylon 6:6	Pastel version: red acid dye + syntan	184	145	68	32	11

This flyer has been compiled with the greatest possible care, but no rights can be derived from its contents.

Dyed fabrics for Dye Transfer Inhibition (DTI) testing. To act as donor.							
Code	Fabric	Description	Weight gram / m2	Width in cm	L*a*b - values		
					L*	a*	b*
B-02	Cotton	Basilen brown 32, washing resistance 1-2	126	36	28	22	5
BL-01	Cotton	Reactive blue	126	36	19	3	-9
BL-01B	Cotton	Reactive blue	126	150	21	2	-11
E-130	Cotton	Dyed with direct red 83.1	180	158	40	30	-6
E-131	Polyamide	Dyed with acid blue 113	65	150	24	3	-20
E-132	Cotton	Dyed with direct black 22	90	145	25	-1	-3
E-133	Cotton	Dyed with direct blue 71	90	147	29	2	-22
E-134	Cotton	Dyed with direct orange 39	90	148	58	40	58
E-135	Cotton	Dyed with reactive blue 225	90	135	56	-8	-17
E-136	Cotton	Dyed with reactive brown 7	90	135	Not available		
E-137	Cotton	Dyed with reactive red 158	90	135	60	47	-6
E-138	Cotton	Dyed with sulphur blue 19	90	135	47	5	-22

Other dyed fabrics							
Code	Fabric	Description	Weight gram / m2	Width in cm	L*a*b - values		
					L*	a*	b*
B-01	Cotton	Basilen brown 32, washing resistance 4-5	126	36	32	27	11
BK-01	Cotton	Reactive black 5, washing resistance 4-5	126	36	14	3	-6
BK-02	Cotton	Direct black 22, fixated, washing resistance 4	126	36	17	1	1
E-277	Cotton	Jeans fabric, with indigo dyeing	310	159	26	2	-11
E-278	Cotton	Jeans fabric, with indigo/sulphur black dyeing	405	157	Not available		
E-279	Cotton	Jeans fabric, with sulphur black dyeing	420	160	Not available		
E-280	Cotton	Twill, with blue vat dyeing	200	145	26	1	-31
E-475	Cotton	Dyed with reactive red 195	180	165	47	55	-3
E-476	Cotton	Dyed with reactive blue 225	180	165	37	-7	-20
E-477	Cotton	Dyed with disperse red 60	180	165	50	64	6
E-478	Cotton	Dyed with disperse blue 79	180	165	36	3	-24
E-479	Cotton	Dyed with vat blue 4	180	165	43	1	-36
GR-01	Cotton	Direct green	126	30	48	-23	-1
LBL-01	Cotton	Light blue	126	36	59	-15	-31
R-01	Cotton	Direct red 80, firmly fixated, washing resistance 4	126	36	39	55	22
R-02	Cotton	Direct red 80, slightly fixated, washing resistance 3	126	36	43	57	19
R-03	Cotton	Reactive red 20, washing resistance 4	126	36	40	59	33
R-03B	Cotton	Reactive red 20, washing resistance 4	126	150	40	59	32
R-04	Cotton	Direct red 20, heavily fixated, washing resistance 4-5	126	36	Not available		
R-05	Cotton	Reactive red 20, washing resistance 3	126	36	35	45	19
TQ-01	Cotton	Turquoise	366	120	63	-27	-25
W-CB/SG	Cotton	Celasol blue/sirius yellow 0.8/0.3%	170	100	55	-17	16
W-CLB	Cotton	Celasol blue BRR 1.3%	170	100	36	0	-25
W-SLG	Cotton	Sirius yellow FGR-LL 2.0%	170	100	80	15	71
W-SLR	Cotton	Sirius red F4BL 1.0%	170	100	54	46	4

Oxygen Bleach Fabrics							
Code	Fabric	Description	Weight gram / m2	Width in cm	L*a*b - values		
					L*	a*	b*
E-495	Cotton	Dyed with reactive red 2	180	165	Not available		
E-496	Cotton	Dyed with reactive black 5	180	165	24	-3	-13
E-497	Cotton	Dyed with reactive orange 16	180	165	57	52	33
E-498	Cotton	Dyed with reactive red 228	180	165	52	54	2
E-499	Cotton	Dyed with sulphur black 1	180	165	19	0	-1

Dyed Ballast Load items							
Code	Fabric	Description	Weight gram / m2	Width in cm	L*a*b - values		
					L*	a*	b*
CN-44	Cotton	Black tricot	165	64	20	0	-2
CN-42B	Cotton	Interlock double jersey with OB	290	135	Not available		
CN-42C	Cotton	Green, interlock, double jersey, with optical brightener	290	135	79	-15	-18
CN-99C	Diff	25% Polyamide 13% Elasto 28% Viscose 23% Acryl 11% Lycocel, grey	365	120	53	-3	-3
PCN-01C	Cotton	Polyester/Cotton, blue, 65/35, woven	180	90	71	0	-18