

DYEING METHOD

CARRIER DYEING

CARRIER AGENT : 5 - 15% (depends on dyeing depth and liq ratio)
TEMP/TIME : 100°C x 30 - 60 mins
pH LIQ : 4.5 - 5.5 (with Acetic Acid)

THERMOSOL DYEING

DYEING : 100 - 120°C x 2 - 3 mins
THERMOSOL : 200 - 210°C x 1 - 2 min
PICK UP : 60 - 70%
pH LIQ : 4.5 - 5.5
ANTI MIGRATION : 10 g/l

HIGH TEMPERATURE DYEING

TEMP/TIME : 130°C x 45 - 60 mins
pH LIQ : 4.5 - 5.5
CARRIER AGENT : 0.5 - 1 g/l

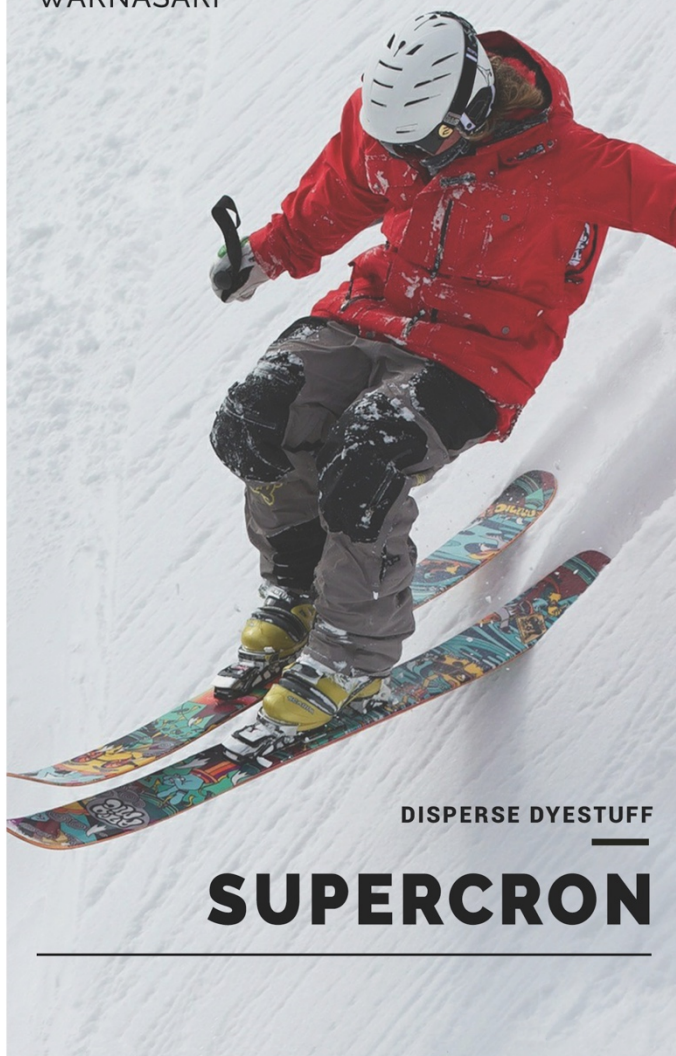
PRINTING METHOD

PRINT PASTE	Dyestuff	x	parts
	Citric acid	5	parts
	Thickening	500-600	parts
	Sod Chlorate (1 : 1)	20	parts
	Water	y	parts
	Total	1000	parts

PROCESS

PRINT - DRY - FIXATION (HP STEAM 1.5 - atm, 20 - 30 MINS)
(HP STEAM 170 - 175°C, 7 - 8 MINS)

KIMIAMAS
WARNASARI



DISPERSE DYESTUFF

SUPERCRON

SUPERCRON		O.W.F. %	DYEING PROPERTIES					FASTNESS			pH RANGE
			CLASS	HIGH. TEMP	THERMOSOL	PRINTING	CARRIER	LIGHT (XENON)	SUBLIMATION	WASHING	
	VIOLET 53R 200 VIOLET 63	1.5	SE	●	○	○	△	6-7	4	5	3-9
	GREEN 56B 200 GREEN 9	2	S	●	●	●	△	4-5	5	5	3-8
	BR. BLUE 5BG 200 BLUE 60	2	S	●	●	●	△	7	5	5	2-9
	BLUE EFBL 200 BLUE 56	1.5	E	●	○	○	△	6	4	4-5	2-9
	BLUE BBLS 200 BLUE 156	1	S	●	●	●	△	7	4-5	3-4	4-6
	BLUE SEBR 200 BLUE 183	1.5	SE	●	●	●	△	5-6	4-5	5	3-8
	BLUE CRE 200 BLUE 336	2	S	●	●	●	△	6	5	5	3-5
	BRILL. BLUE SR 300	2	S	●	●	●	△	4	5	4-5	4-5
	N BLUE 52GL 200 BLUE 79	2	S	●	●	●	△	6	5	5	3-5
	N BLUE HSF 300 BLUE 79 . 1	2	S	●	●	●	△	6	5	5	3-5
	N BLUE SERF 400	2	SE	●	○	○	△	6	4-5	4-5	4-9
	N BLUE RDSF 300	2	SE	●	○	○	△	6	4-5	4-5	4-9
	DARK BLUE 3RN 200 BLUE 148	2	SE	●	○	○	△	5	5	5	3-9
	BROWN 3R 200	2	SE	●	●	●	△	5-6	5	5	3-5
	BROWN 3RN 150	2	S	●	●	●	△	5-6	5	5	2-9

SUPERCRON		O.W.F. %	DYEING PROPERTIES					FASTNESS			pH RANGE
			CLASS	HIGH. TEMP	THERMOSOL	PRINTING	CARRIER	LIGHT (XENON)	SUBLIMATION	WASHING	
	BLACK GF 300	3	E	●	○	○	△	6	4-5	4-5	3-9
	BLACK S 810300	3	S	●	●	●	△	6-7	5	5	3-7
	BLACK RDSF 300	3	S	●	○	○	△	6	4-5	4-5	3-9
	BLACK GI 200	3	S	●	●	●	△	6	5	5	4-6
	YELLOW 10 GN YELLOW 184 . 1	2	S	●	●	●	△	5	5	5	4-6
	YELLOW 8 GF YELLOW 82	2	S	●	●	●	△	4-5	5	5	4-5
	FLUOR ORANGE 2G	2	S	●	●	●	△	5	5	5	4-6
	FLUOR PINK BG RED 196	2	SE	●	●	●	△	5	5	5	4-6
	FLUOR RED 2G RED 277	2	S	●	●	●	△	5	5	5	4-6

EXPLANATION

F - Low Energy	● - Suitable
SE - Medium Energy	○ - Limited Suitability
S - High Energy	△ - Not Suitable

SUPERCRON		O.W.F %	DYEING PROPERTIES					FASTNESS			pH RANGE
			CLASS	HIGH. TEMP	THERMOSOL	PRINTING	CARRIER	LIGHT (XENON)	SUBLIMATION	WASHING	
Economical E-Type Trichromatic											
	YELLOW 3GE YELLOW 54	0.5	E	●	△	△	●	6	3	4	4-10
	RED FBB RED 60	0.5	E	●	△	△	●	7	3	3-4	4-10
	BLUE EFBL BLUE 56	0.5	E	●	△	△	●	7	3	3-4	4-10
SE - Type Trichromatic for Medium Shade											
	YELLOW 4GN YELLOW 211	2	SE	●	△	○	△	6-7	4-5	4	4-6
	RUBINE RDFLN Red 73	2	SE	●	△	△	○	6-7	3-4	3-4	4-6
	BLUE SEBR BLUE 183	2	SE	●	△	○	○	7	3-4	3-4	4-6
S - Type Trichromatic for Deep Shade											
	ORANGE S2RFL ORANGE 30	2	S	●	●	●	△	7	4-5	4-5	4-9
	RUBINE S2GFL RED 167	2	S	●	●	●	△	6-7	4-5	4	3-7
	N BLUE S2GL BLUE 79	2	S	●	●	●	△	5	4-5	4	4-6

SUPERCRON

DYEING PROPERTIES

FASTNESS

O.W.F. %

CLASS

HIGH. TEMP

THERMOSOL

PRINTING

CARRIER

LIGHT (XENON)

SUBLIMATION

WASHING

pH RANGE

Trichromatic for Pale Colors on Microfiber

		O.W.F. %	CLASS	HIGH. TEMP	THERMOSOL	PRINTING	CARRIER	LIGHT (XENON)	SUBLIMATION	WASHING	pH RANGE
	YELLOW A-CE	0.5	E	●	△	△	●	6	3-4	4	4-10
	RED A-CE	0.5	E	●	△	△	●	7	3-4	4	4-10
	BLUE A-CE	0.5	E	●	△	△	●	7	3-4	4	4-10

Disperse Dyes in High Washfastness

		O.W.F. %	CLASS	HIGH. TEMP	THERMOSOL	PRINTING	CARRIER	LIGHT (XENON)	SUBLIMATION	WASHING	pH RANGE
	YELLOW LSH	1.5	S	●	●	●	●	6	5	5	4-7
	Y BROWN LSH	1	S	●	●	●	●	6	4-5	5	4-7
	SCARLET LSH	2	S	●	●	●	●	6	4-5	5	4-7
	RED LSH	2	S	●	●	●	●	6	4-5	4-5	4-7
	RUBINE LSH	1.5	S	●	●	●	●	6	4-5	4-5	4-7
	BLUE LSH	2	S	●	●	●	●	5-6	4-5	5	4-7
	NAVY LSH	3	S	●	●	●	●	6	4-5	5	4-7
	BLACK LSH	4	S	●	●	●	●	6	4-5	5	4-7

SUPERCRON

		O.W.F %	DYEING PROPERTIES					FASTNESS			pH RANGE
			CLASS	HIGH. TEMP	THERMOSOL	PRINTING	CARRIER	LIGHT (XENON)	SUBLIMATION	WASHING	
	YELLOW 6GSL 200 YELLOW 114	2	S	●	●	●	△	7	5	5	3-8
	YELLOW 5GLN 200 YELLOW 119	2	SE	●	○	○	○	6-7	5	5	3-6
	YELLOW 5GL CF YELLOW 198	2	S	●	●	●	△	6-7	5	5	3-7
	YELLOW 5GE 200 YELLOW 218	2	E	●	△	△	●	6-7	4	5	3-7
	YELLOW 4GSL 200 YELLOW 227	2	S	●	●	●	△	7	5	5	3-7
	YELLOW 4GN 200 YELLOW 211	2	SE	●	○	○	○	7	5	5	3-7
	YELLOW 3GE 200 YELLOW 54	2	E	●	△	△	●	6-7	4-5	5	2-8
	YEL BROWN GLH 150 ORANGE 29	2	SE	●	○	○	○	6-7	4-5	4-5	2-7
	YEL BROWN S2RFL 150 ORANGE 30	2	S	●	●	●	△	7	5	5	3-7
	ORANGE H 3R 200 ORANGE 25	2	E	●	△	△	●	6	4-5	4-5	3-8
	ORANGE 2GFS 200 ORANGE 44	2	S	●	●	●	●	5-6	5	5	3-9
	SCARLET GB 200 RED 1	2	E	●	△	△	●	6	4	4-5	3-9
	SCARLET SBWFL 100 RED 74	2	S	●	○	○	○	6	5	5	3-5
	SCARLET 2GH RED 50	2	E	●	△	△	●	7	4	5	2-9
	SCARLET GS 200 RED 153	2	SE	●	○	○	○	6	4-5	5	3-9

SUPERCRON

		O.W.F %	DYEING PROPERTIES					FASTNESS			pH RANGE
			CLASS	HIGH. TEMP	THERMOSOL	PRINTING	CARRIER	LIGHT (XENON)	SUBLIMATION	WASHING	
	PINK RL 200 RED 92	2	S	●	●	●	△	7	5	5	4-9
	RED FBB 200 RED 60	2	E	●	△	△	○	6	3-4	4-5	4-10
	RED CBN	2	S	●	●	●	△	5	5	5	3-9
	LIGHT RED BS 200 RED 152	2	S	●	●	●	△	5-6	4-5	5	3-6
	RED FTS 200 RED 177	2	S	●	●	●	△	5	5	5	3-9
	RED F3BSN 150 RED 343	2	S	●	●	●	△	5-6	4-5	5	3-6
	RED CB-SE 200	1.5	S	●	●	●	△	7	4-5	5	2-9
	RED 3BBL 200 RED 82	1.5	S	●	●	●	△	7	4-5	5	3-6
	RUBINE RDFLN 200 RED 73	1.5	SE	●	○	○	○	7	4	5	3-9
	RUBINE S2GFL 200 RED 167	2	S	●	●	●	△	7	5	5	3-7
	RUBINE S2GFL 200 RED 167.1	2	S	●	●	●	△	7	5	5	3-7
	RUBINE SRS RED 145	2	S	●	●	●	△	7	5	5	3-7
	RUBINE B 200 RED 13	1.5	E	●	△	△	●	4-5	3-4	4-5	3-9
	RUBINE CB 200 VIOLET 33	1.5	S	●	●	●	△	7	5	5	3-6
	VIOLET HBL 200 VIOLET 31	2	S	●	●	●	△	6	4	5	2-9