

OUR REACTIVE DYES

SUPERZOL VS

Vinyl sulphone based reactive dyes that is suitable for various types of dyeing and printing.

VS type offers good solubility as well as fastness properties.

SUPERZOL HF

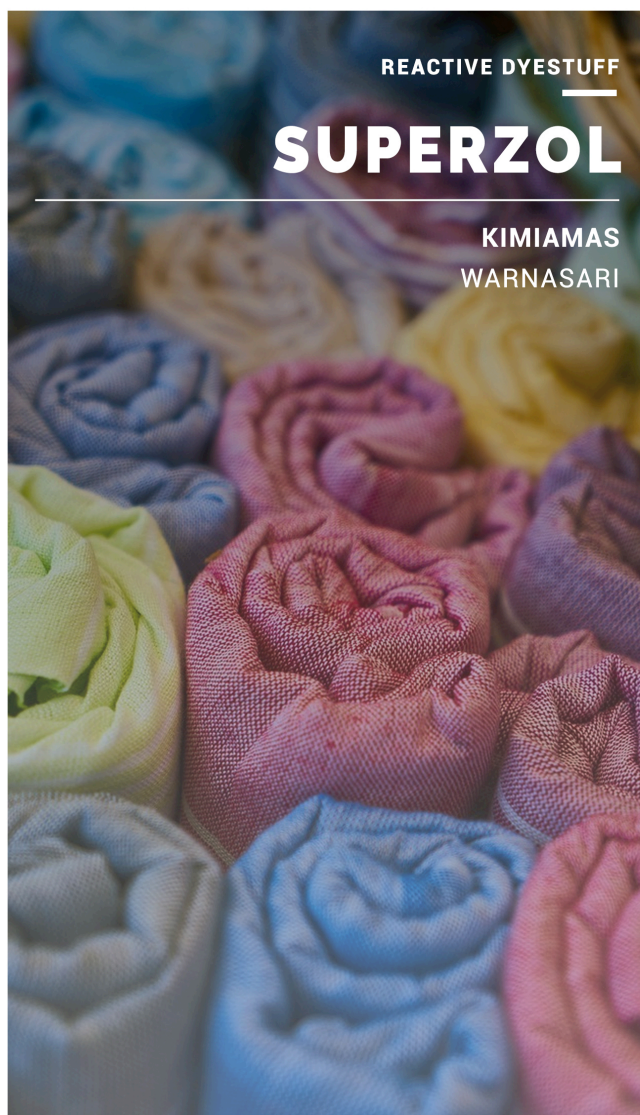
HF is a bifunctional reactive dyes that is well known for its excellent dyeing efficiency and overall fastness. This type is suitable for exhaustion dyeing.

SUPERZOL HE

HE is a monochlotriazine type that is less reactive than VS type. Suitable for 80°C to 85°C dyeing temperature and pH value of 10.5.

SUPERZOL P

Monochlotriazine type that is suitable for pad batch dyeing and printing.



REACTIVE DYESTUFF

SUPERZOL

KIMIAMAS
WARNASARI

SUPERZOL P

		C.I.	LIGHT 1/1	WASHING	PERSPIRATION	HYPOCHLORITE	DYEING PROPERTIES		PRINT PASTE STABILITY (DAYS)	MAX PRINT PASTE STRENGTH (G/KG)
							SUBSTANTIVITY	REACTIVITY		
	YELLOW P 4 G	Y18	6-7	4-5	4-5	1	L	M	6	70
	YELLOW P 3 R	O12	6	4-5	5	-	M	M	6	80
	ORANGE P 2 R	O13	4-5	5	4-5	4	M	M	8	80
	RED P 8 B	R31	4-5	4	4	3-4	H	M	8	90
	TURQ BLUE PA	B71	5-6	4	4-5	2	H	M	7	60
	BLUE P GN	B198	5	5	4-5	4	H	H	8	70
	BLACK P 2 R	-	6	4-5	4-5	3	M	L	6	80
	BLACK P N	BL8	6	5	4-5	4	L	M	8	80

EXPLANATION

+ - Excellent

- - Poor

H - High

M - Medium

L - Low

SUPERZOL VS

		C.I.	ALKALI SOLN (G/L)	AFFINITY	OPTIMUM DYEING TEMP (°C)	APPLICATION			WASH			
						TWO BATCH PAD ALKALI SHOCK	ONE BATCH COLD PAD BATCH PROCESS	DISCHARGEABILITY	LIGHT FASTNESS	EXHAUST	SC	CHLORINE WATER
	YELLOW FG	Y42	100	100	L	+	+	+	5	4-5	5	1
	YELLOW GRL	Y15	100	100	H	+	+	+	5	4	5	1
	GOLD YELLOW R	Y17	100	100	H	+	+	+	5	5	5	1
	ORANGE 3R	OR16	80	80	H	+	+	+	5-6	4-5	5	1
	RED 5B	R35	100	100	L	+	+	+	4	4-5	5	1
	VIOLET 5R	V5	100	100	H	+	+	-	6-7	3-4	5	3-4
	TURQ BLUE EG 133%	B21	100	150	H	+	+	-	5	3-4	4	4
	BRILL BLUE R	B19	100	100	H	+	+	-	7	4-5	4-5	3-4
	BLACK B 100%	BL5	100	100	H	+	+	+	5	4-5	4-5	1
	BLACK B 150%	BL5	100	100	H	+	+	+	5	4-5	4-5	1

SUPERZOL HF

		SOLUBILITY		AFFINITY	OPTIMUM DYEING TEMP (°C)	APPLICATION			WASH		CHLORINE WATER	
		WATER 30°C (G/L)	ALKALI SOLN (G/L)			TWO BATCH PAD ALKALI SHOCK	ONE BATCH COLD PAD BATCH PROCESS	DISCHARGEABILITY	LIGHT FASTNESS	E		SC
	YELLOW HF 7 G	120	100	H	60-80	+	+	+	6-7	5	5	4-5
	YELLOW HF 4 G	120	100	H	60-80	+	+	+	6-7	5	5	4-5
	YELLOW HF 3 R	160	160	H	60-80	+	+	+	5	4-5	5	3-4
	ORANGE HF 2 R	160	130	H	60-80	+	+	-	4	4-5	4-5	4-5
	RED HF 4 B	80	80	H	60-80	+	+	-	5	4-5	5	4
	NAVY BLUE HF BG	60	60	H	60-80	+	+	+	4-5	4-5	4-5	4
	BLACK HF GR	160	160	H	60-80	+	+	-	4-5	4-5	4-5	4
	BLACK HF GN	160	100	H	60-80	+	+	-	4-5	4-5	4-5	4

SUPERZOL HE

		C.I.	SOLUBILITY (°C)	H2O2 BLEACHING	LIGHT 1/1	WASHING	PERSPIRATION	HYPOCHLORITE WASH	DRY RUBBING
	YELLOW HE 4 G	Y105	150	5	5-6	4-5	5	5	4
	YELLOW HE 4 R	Y84	80	4-5	5	5	4-5	5	4-5
	ORANGE HE R	OR84	40	4-5	4	4	5	5	4
	RED HE 3 B	R120	140	4-5	4-5	4-5	4-5	4-5	4
	RED HE 7 B	R141	160	4-5	4-5	4-5	4-5	4-5	4-5
	BLUE HE GN	B198	80	4-5	5	5	4-5	4-5	4-5
	BLUE HE RD	B160	100	4-5	4-5	4-5	4-5	4-5	5
	NAVY BLUE HE R	B171	100	4	4-5	4-5	4-5	4-5	4
	TURQ BLUE H A	B71	110	3	5	5	4-5	4	4-5
	GREEN HE 4 BD	G19	120	4	5	5	5	3	4