

LAMPIRAN

Lampiran 1 Data K/S

Variasi		Titik ke-	K/S	Jumlah	Rata-rata
Konsentrasi Zat Warna Dispersi (% owf)	RC				
1,5	1	1	26,332	130,681	26,1362
		2	25,934		
		3	26,257		
		4	25,891		
		5	26,267		
	2	1	26,332	130,861	26,1722
		2	26,616		
		3	26,472		
		4	25,916		
		5	25,525		
	3	1	26,605	135,935	27,187
		2	27,325		
		3	27,036		
		4	27,078		
		5	27,891		
3	1	1	38,376	189,181	37,8362
		2	37,064		
		3	37,687		
		4	37,734		
		5	38,32		
	2	1	37,239	189,615	37,923
		2	37,496		
		3	38,353		
		4	37,972		
		5	38,555		
	3	1	38,721	194,65	38,93
		2	39,503		
		3	38,468		
		4	38,468		
		5	39,49		

ISOPON® RCA

Liquid Reduction agent for reduction clearing process

General properties

Basis	Solution of sulphonic acid derivative
Appearance	Clear Yellowish liquid
Density at 20°C	1.35 g/ml
Ionic Charge	Anionic
pH 10 g/l Solution	8.5
Compatibility	Compatible with non ionic and anionic charge product; Not compatible with cationic product.
Storage Stability	(-15) – 50°C 6 month in well closed Container and protect from frost

Properties

ISOPON RCA is Reduction agent for clearing dyeing on polyester and blend, Applied during dyeing, less alkali in reduction clearing process.

ISOPON RCA is very effective in acid dyebaths during the cooling stage, no need to drain, no need to add alkali, less time, water, energy, and wastewater is much cleaner.

ISOPON RCA is used to remove unfixed disperse dyes from freshly dyes polyester and blend of polyester with wool, silk, polyacrylate and cellulosic fibers.

ISOPON RCA can be destroy residual non-exhausted dye in the dyebath, together with loosely attached dye on the fabric.

ISOPON RCA is more effective at lower pH (same as pH of dyebath below 4.5), so it will avoid using more alkali.

Thanks to the characteristic of ISOPON RCA which can be used as a stripping agent for Acid dyes on Polyamide fibers.

ISOPON RCA is liquid performance and can therefore be automatically metered

ISOPON RCA can be use in all kinds of machine.

Preparation of solutions

ISOPON RCA is easily dilutable in water in any ratio. Best effects are obtained when working with soft water. Do not mix directly with acids.

AMOUNTS TO BE USED

The dosage of ISOPON RCA depends on the depth of shade of dyeing to be cleared and the pH.

For light to medium shade

1.0 – 2.0	g/l of ISOPON RCA
0.3 – 0.5	g/l of Solopol® PHIR or Acetic acid

For deep shade

2.0 – 5.0	g/l of ISOPON RCA
0.3 – 0.5	g/l of Solopol® PHIR or Acetic acid

Clear for 15 – 20' at 80 – 90°C, Rinse hot and cold.

For Stripped out Acid Dyes on PAM

5.0 – 10.0	g/l of ISOPON RCA depend on the target
0.3 – 0.5	g/l of Solopol® PHIR or Acetic acid adjust pH 4.0
1.0 – 3.0	g/l of Lanotan® BPL

Process at 95 - 98°C for 30 – 45 minutes

