



VIPUL ORGANICS
Interconnected Chemistry
SUNVAT BLUE RSN M.D[®]

C.I NAME – VAT BLUE 4

C.I No : 69800

PROPERTIES

Molecular Weight : 511.31

Hue: Bluish Powder

Chemical Family : Anthraquinone

General Properties	Dyeing Method		IN at 60 ^o c	
	Levelling		M	
	Coverage of dead cotton		P	
	Polyster stain		3-4	
Fastness Properties	Light	1/10	6 to 7	
		1/1	7 to 8	
	Washing ISO 4	Effect	5	
		Stain	4 to 5	
	Soda Boil	Effect	4 to 5	
		Stain	4 to 5	
	Bleaching	Sodium Hypochlorite		2Gr 4.
		Hydrogen Peroxide	Effect	4 to 5
			Stain	4 to 5
	Hot Pressing	Dry	Immediately	4 Gr
			After 4 Hours	5
		Wet	Effect	5
			Stain	5
	Water Spotting			4 to 5 R

DYEING

METHOD	SUNVAT- 2
Vatting Temp.	55 Deg. Centigrade
Dyeing Temp.	60 Deg. Centigrade
Leuco (Alkaline) .	Bluish Green.

Remark ;

After completion of dyeing, fabric is directly put in cold water for mild oxidation for 15 – 20 minutes. (Air Oxidation not recommended for Blue -4).

Vat Blue 4: Is used for dyeing of cotton viscous textile , which will obtain a uniform brilliant Blue shade. This is also can be used in polyester/ cotton blended (65 / 35) fabric , polyester component has slight stain .

Bright blue dye used in combination with Sunvat Jade Green XBN and Blue BC for Exhaust application, particularly in Manual and Jigger dyeing machines. The product is used by the Handloom industry for leisure wear and towels. It is sensitive to Calcium and high temperature. Sodium nitrite or glucose must be added to the dye bath for dyeing above 60°C to avoid over-reduction. It has inferior Hypochlorite fastness compared to other Vat dyes. Addition of soda ash (2 g/l) to the soaping bath is recommended. It is available in Microperle, Pure, Acra, Powderfine and Micro disperse varieties..

Available Forms : Micro Disperse

Packing : 25 kg . Carboys & In Corrugated boxes.

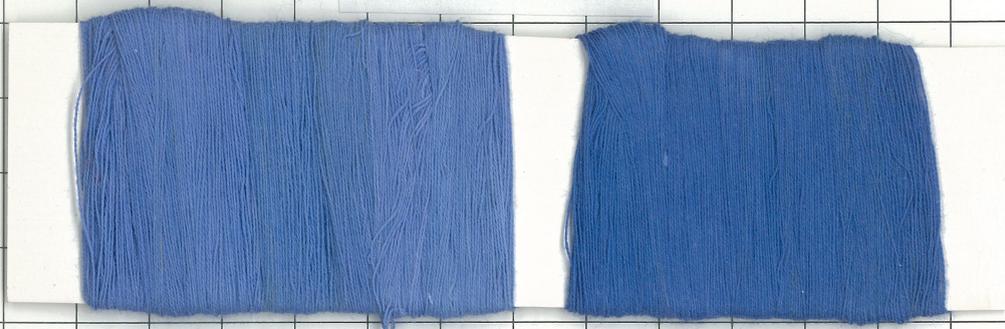


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DYEING ON YARN



1%

2%

DYEING ON TERRY TOWEL



1%

2%

PADDING ON COTTON FABRIC (20 GPL)

