



MANUFACTURERS & EXPORTERS OF ORGANIC PIGMENTS

SPECIFICATION OF PHTHALOCYANINE PIGMENT BETA BLUE (15:3)

1.	Product Name	Rivofast Beta Blue – RF603	
2.	C.I. Number	74160	
3.	C.I Identity	Pigment Beta Blue (15:3)	
4.	Cas Registry No.	147-14-8	
5.	Chemical Type	Organic	
6.	Chemical Description	Phthalocyanine Blue, Beta Modification	
7.	Chemical Formula	C ₃₂ H ₁₆ N ₈ Cu	
8.	Physical Form	Fine Blue Dry Powder	
9.	Color	Blue	
10.	Odor	Odorless	
11.	Molecular Weight	576	
12.	Solubility in Water	Insoluble	
13.	Specific Gravity	1.5 – 1.6	
14.	Moisture Content	< 0.5%	
15.	Residue in Sieve	< 0.5%	
16.	Matter Soluble in water	< 1%	
17.	Bulk Density	0.40 to 0.50 gm/cc	
18.	Ph 5% Slurry	From 6 to 8	
19.	Oil Absorption	40 + – 5 gm/100 Grams of pigment	
20.	PCB	Less than 10 PPM	
21.	Heat Stability 240°C	Minimum 5 Minutes	
22.	Strength	100 % ± 3%	
23.	Fastness Property	Solvent Fastness	Excellent
		Light Fastness	Excellent
		Chemical Fastness	Excellent
		Weather Fastness	Excellent
		Migration Fastness	Excellent
		Full tone Fastness	Excellent
		Tint Tone Fastness	Excellent
		Heat Stability Fastness	Excellent



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24.	Application	AS PER Below			
		<u>INKS</u>	<u>PAINTS</u>	<u>PLASTICS</u>	<u>OTHERS</u>
		Offset,	Air Drying,	PVC	Textiles,
		Liquid Ink (WB& Solvent).	WB Paint,	PP,	Rubber,
			Powder Coating.	LDPE,	Aq. Dispersions,
			Stoving Paint.	LLDPE.	Detergent,
			Dry Dispersion.		