



RCL Exports India Pvt. Ltd.

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GST No. : 07AADCR2086B1ZO



ISO 9001 : 2015
CERTIFIED COMPANY

Technical Data Sheet					
RCL PIGMENT BETA BLUE (15:3) Universal Grade.					
1.	Product Name	RCL Beta Blue – 15:3 UNIVERSAL GRADE			
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 – 45 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		
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.		