



# RCL Exports India Pvt. Ltd.

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GST No. : 07AADCR2086B1ZO



ISO 9001 : 2015  
CERTIFIED COMPANY

## Technical Data Sheet

RCL PIGMENT ALPHA BLUE (15:0) for Offset & Liquid Inks ( WB & Solvent) & Aq. Application.

1.	Product Name	RCL ALPHA BLUE ( 15:0)	
2.	C.I. Number	74160	
3.	C.I Identity	Pigment Alpha Blue (15:0)	
4.	Cas Registry No.	147-14-8	
5.	Chemical Type	Organic	
6.	Chemical Description	Phthalocyanine Blue, Alpha Modification	
7.	Chemical Formula	$C_{32}H_{16}N_8Cu$	
8.	Physical Form	Dark Blue Powder	
9.	Color	Blue	
10.	Odor	Odorless	
11.	Molecular Weight	576	
12.	Solubility in Water	Insoluble	
13.	Specific Gravity	1.4 – 1.5	
14.	Moisture Content	< 0.5%	
15.	Residue in Sieve	< 0.5%	
16.	Matter Soluble in water	< 1%	
17.	Bulk Density	0.36 gm/cc	
18.	Ph 5% Slurry	From 6 to 8	
19.	Oil Absorption	40 to 45 gms/100 Grams of pigment	
20.	PCB	Less than 10 PPM	
21.	Heat Stability 180°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	Offset & Liquid Inks ( WB & Solvent) & Aqueous Application.	