



CIN : U24110MH1987PLC042772

TECHNICAL DATA SHEET

COPPER PHTHALOCYANINE CRUDE BLUE

1.	Product Name	RIVOFAST CPC - RF 605
2.	C.I. Number	74160
3.	C.I Identity	C.I Copper Phthalocyanine Crude Blue
4.	Cas Registry No.	147-14-8
5.	Chemical Type	Organic
6.	Chemical Description	Copper Complex of Phthalocyanine
7.	Molecular Formula	C ₃₂ H ₁₆ N ₈ Cu
8.	Physical Form	Fine Blue Dry Powder
9.	Color	Blue
10.	Odor	Odorless
11.	Molecular Weight	576.08
12.	Solubility in Water	Insoluble
13.	Specific Gravity	1.5 - 1.6
14.	Moisture Content	< 1.0%(Max)
15.	Residue in Sieve	< 1.0%
16.	Matter Soluble in water	< 1%
17.	Bulk Density	0.40 to 0.50 gm/cc
18.	Ph 5% Slurry	From 6.5 to 8
19.	Oil Absorption	38 - 42 gm/100 Grams
20.	PCB Content	Less than 10 PPM
21.	Heat Stability 240°C	Minimum 5 Minutes
22.	Strength	100 % ± 3%
23.	Purity by acid pasting	98 % (min)
24.	Free Copper	2500 ppm (Max)
25.	Total Copper	10.0 to 10.5 %
26.	Acid Leaching	Clear
27.	Alkali Leaching	Clear
28.	Key Application Profile	Key Raw Material for Manufacturing of 1.Pigment Blue 15.0,15.1,15.2,15.3 &15.4 2.Pigment Green 7
29.	Key Properties	1.The product is produced by typical technology using Alkyl Benzene route 2.Excellent Dispersibility 3.Excellent flow property when produced as Pigment Blue for Ink application.