

SECIFICATION OF COPPER PHTHALOCYANINE CRUDE BLUE (CPC)

1.	Product Name	Rivofast CPC – RF605
2.	C.I. Number	74160
3.	C.I Identity	Copper Phthalocyanine Crude (Blue)
4.	Cas Registry No.	147-14-8
5.	Chemical Type	Organic
6.	Chemical Description	Copper Phthalocyanine Crude (Blue)
7.	Chemical Formula	C ₃₂ H ₁₆ N ₈ Cu
8.	Physical Form	Blue Powder
9.	Color	Blue
10.	Odor	Odorless
11.	Molecular Weight	576.08
12.	Moisture Content	0.50 % Maximum
13.	Residue in Sieve	< 0.05 %
14.	Matter Soluble in water	1 % Maximum
15.	Bulk Density	0.5 gm/cc
16.	Ph 5% Slurry	From 6 to 8
17.	PCB	Less than 25 PPM
18.	Strength	100 % ± 3 %
19.	Purity By Acid Pasting	96 % Minimum
20.	Conductivity	Less than 250 M. Mhos
21.	Total Copper Content	> 10.5 %
22.	Free Copper	Less Than 125 PPM
23.	Inflammability	None
24.	Grit Content	100 PPM Maximum
25.	Mesh Size	100 % above 300 mesh
26.	Alkali Soluble Impurities	< 0.5 % (in 5 % Sodium Hydroxide)
27.	Application	Pigment Green-7, Pigment Alpha Blue, Pigment Beta Blue, Reactive Blue, Direct Turquoise Blue, Offset printing.