

SECIFICATION OF COPPER PHTHALOCYANINE ACTIVATED CRUDE BLUE (Activated CPC)

1.	Product Name	Rivofast CPC – RF606
2.	C.I. Number	74160
3.	C.I Identity	Copper Phthalocyanine Activated 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.	Activation Level	As Per Customer's Requirement (STD : 16 Hrs)
11.	Odor	Odorless
12.	Molecular Weight	576.08
13.	Moisture Content	0.50 % Maximum
14.	Residue in Sieve	< 0.05 %
15.	Matter Soluble in water	1 % Maximum
16.	Bulk Density	0.50 – 0.65 gm/cc
17.	Ph 5% Slurry	From 6 to 8
18.	PCB	Less than 25 PPM
19.	Strength	100 % ± 3 %
20.	Purity By Acid Pasting	96 % Minimum
21.	Conductivity	Less than 250 M. Mhos
22.	Total Copper Content	> 10.5 %
23.	Free Copper	Less Than 125 PPM
24.	Inflammability	None
25.	Grit Content	100 PPM Maximum
26.	Mesh Size	100 % above 300 mesh
27.	Alkali Soluble Impurities	< 0.5 % (in 5 % Sodium Hydroxide)
28.	Application	Pigment Alpha Blue and Pigment Beta Blue.