

HANGZHOU HANHAO CHEMICAL CO., LTD

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TECHNICAL DATA SHEET

Product Description:

Product Name:	Permanent Red HF3C
Color Index:	Pigment Red 176
C.I.No.	12515
CAS No.	12225-06-8
EC No.	235-425-2
Chemical Nature:	Benzimidalone
Chemical Formula	$C_{32}H_{24}N_6O_5$

Technical Properties:

Brilliant bluish shade high performance pigment, with excellent fastness, high heat resistance, transparent and migration resistance.

Application:

Recommended for industrial paints, water based paints, solvent based paints, coil coatings, powder coatings, automotive paints, textile printing.

Physical Properties

Density(g/cm ³)	1.60
Moisture (%)	≤0.5
Water Soluble Matter	≤1.0
Oil Absorption (ml / 100g)	40-60
Electric conductivity (us/cm)	≤500
Fineness(80mesh)	≤5.0
PH value	6.5-7.5

Fastness Properties (5=Excellent, 1=Poor)

Acid Resistance	5	Soap Resistance	4
Alkali Resistance	5	Bleeding Resistance	5
Alcohol Resistance	5	Migration Resistance	5
Ester Resistance	4	Heat Resistance (°C)	250
Benzene Resistance	4	Light	7-8
Ketone Resistance	3-4	Fastness(8=Excellent)	

Note: The above information is provided as guidelines for your reference only. The accurate effects should base on the test results in laboratory.