

HANGZHOU HANHAO CHEMICAL CO., LTD

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TECHNICAL DATA SHEET

Product Description:

Product Name:	Fast Yellow H4G
Color Index:	Pigment Yellow 151
C.I.No.	13980
CAS No.	31837-42-0
EC No.	250-830-4
Chemical Nature:	Benzimidazolone
Chemical Formula	C ₁₈ H ₁₅ N ₅ O ₅

Technical Properties:

A greenish yellow pigment powder, with high color strength and excellent processing stability, excellent heat resistance and light fastness, semi-transparent.

Application:

Recommend: Various kinds of plastic, printing inks and paints.

Physical Properties

Density(g/cm ³)	1.6
Moisture (%)	≤1.0
Water Soluble Matter	≤1.0
Oil Absorption (ml / 100g)	45-55
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	4-5
Alkali Resistance	5	Bleeding Resistance	4-5
Alcohol Resistance	5	Migration Resistance	5
Ester Resistance	5	Heat Resistance (°C)	240
Benzene Resistance	5	Light	8
Ketone Resistance	4-5	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.