

HANGZHOU HANHAO CHEMICAL CO., LTD

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TECHNICAL DATA SHEET

Product Description:

| | |
|------------------|--|
| Product Name: | Pigment Yellow H2G |
| Color Index: | Pigment Yellow 180 |
| C.I.No. | 21290 |
| CAS No. | 77804-81-0 |
| EC No. | 278-770-4 |
| Chemical Nature: | Benzimidazolone |
| Chemical Formula | C ₃₆ H ₃₂ N ₁₀ O ₈ |

Technical Properties:

A greenish yellow powder, with easy-dispersing, excellent heat resistance, good light fastness and high color strength.

Application:

Recommend: Plastics, paints, water based ink and UV ink

Physical Properties

| | |
|-------------------------------|---------|
| Density(g/cm ³) | 1.42 |
| Moisture (%) | ≤0.5 |
| Water Soluble Matter | ≤1.0 |
| Oil Absorption (ml / 100g) | 35-45 |
| Electric conductivity (us/cm) | ≤500 |
| Fineness(80mesh) | ≤5.0 |
| PH value | 7.0-8.0 |

Fastness Properties (5=Excellent, 1=Poor)

| | | | |
|--------------------|---|-----------------------|-----|
| Acid Resistance | 5 | Soap Resistance | 5 |
| Alkali Resistance | 5 | Bleeding Resistance | 5 |
| Alcohol Resistance | 5 | Migration Resistance | 5 |
| Ester Resistance | 5 | Heat Resistance (°C) | 300 |
| Benzene Resistance | 5 | Light | 8 |
| Ketone Resistance | 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.