



Pigment Yellow 180 (Benzimidazolone Yellow HR)

CI PY180 | C.I. No. 21290

CAS: 77804-81-0 | Form: Powder | Purity: > 99% | MW: 461.43 g/mol

SECTION 1 - PRODUCT IDENTIFICATION

Colour Index	CI PY180 C.I. No. 21290	Form	Powder
CAS Number	77804-81-0	Purity	> 99%
Molecular Wt.	461.43 g/mol	Shade	Reddish Yellow
Chemical Class	Benzimidazolone	Opacity	Opaque

SECTION 2 - PHYSICAL & CHEMICAL PROPERTIES

Specific Gravity	1.45-1.55 g/cm3	Appearance	Fine homogeneous powder
Oil Absorption	40-50 g/100g	Heat Resistance	200CC
pH Value	6.5-7.5	Lightfastness	7-8
Moisture/Vol.	<= 1% Max	Weatherfastness	N/A

SECTION 3 - PERFORMANCE & FASTNESS PROPERTIES

Lightfast. (Mass)	7-8	Acid Fastness	5
Lightfast. (Tint)	N/A	Alkali Fastness	5
Water Fastness	5	Weather (Mass)	N/A
Oil Fastness	5	Weather (Tint)	N/A
Heat Stability	200CC	Standard Pack	10 kg Drums

SECTION 5 - KEY FEATURES & PROPERTIES

- Outstanding lightfastness 7-8 (Blue Wool Scale)
- Heat-stable to 200CC - ideal for engineering plastics
- Excellent bleed & migration resistance
- Superior weatherfastness for automotive use
- REACH & RoHS compliant
- Top-tier high-performance benzimidazolone pigment

SECTION 6 - RECOMMENDED APPLICATIONS

Automotive Paints	Suitable
Powder Coatings	Suitable
Plastics	Suitable
High-End Coatings	Suitable
Industrial Finishes	Suitable
Specialty Inks	Suitable

SECTION 7 - PACKAGING, STORAGE & COMPLIANCE

Standard Pack	10 kg Drums
Storage	Store at 5-35CC in sealed containers away from moisture.
Shelf Life	3 years from date of manufactu
Manufactured By	Kanani Dyes Chem LLP, Gujarat, India
Quality Std.	ISO 9001:2015 ISO 14001:2015 ISO 45001:2018
Compliance	REACH Compliant RoHS Compliant FSSAI Certified

For Samples, Technical Queries & Pricing:

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