



Pigment Yellow 151

CI PY151 | C.I. No. 13980

CAS: 31837-42-0 | Form: Powder | Purity: > 99% | MW: 401.36 g/mol

SECTION 1 - PRODUCT IDENTIFICATION

Colour Index	CI PY151 C.I. No. 13980	Form	Powder
CAS Number	31837-42-0	Purity	> 99%
Molecular Wt.	401.36 g/mol	Shade	Greenish Yellow
Chemical Class	Benzimidazolone	Opacity	Semi-transparent

SECTION 2 - PHYSICAL & CHEMICAL PROPERTIES

Specific Gravity	1.60 g/cm3	Appearance	Fine homogeneous powder
Oil Absorption	40-60 ml/100g	Heat Resistance	Stable at 220CC
pH Value	5.5-7.5	Lightfastness	7/7
Moisture/Vol.	1% Max	Weatherfastness	Mass: 4-5 Tint: 3-4

SECTION 3 - PERFORMANCE & FASTNESS PROPERTIES

Lightfast. (Mass)	7	Acid Fastness	5
Lightfast. (Tint)	7	Alkali Fastness	5
Water Fastness	5	Weather (Mass)	4-5
Oil Fastness	5	Weather (Tint)	3-4
Heat Stability	Stable at 220CC	Standard Pack	25 kg Bags

SECTION 4 - DETAILED CHEMICAL & SOLVENT RESISTANCE (1-5 SCALE)

Water	5	Acid	5	Alkali	5
Acetone	4	Butyl Acetate	4	Xylene	4
M.E.K.	4	Toluene	4	Diethyl Phthalate	5

SECTION 5 - KEY FEATURES & PROPERTIES

- Lightfastness: 7 (Mass) / 7 (Tint) - Blue Wool Scale (1-8)
- Weatherfastness: 4-5 (Mass Tone) / 3-4 (Tint Tone) - 1-5 Scale
- Heat Stable at 220CC - ideal for high-performance coatings
- Excellent chemical resistance: Water 5, Acid 5, Alkali 5, DOP 5
- Solvent resistance: Butyl Acetate 4, Xylene 4, MEK 4, Toluene 4, Acetone 4
- ISO 9001:2015 | ISO 14001:2015 | ISO 45001:2018 | FSSAI certified - REACH compliant, does not contain 24 ban

SECTION 6 - RECOMMENDED APPLICATIONS

Water Based Inks	Suitable
Solvent Based Inks	Suitable
Automotive Coatings	Suitable
Decorative Coatings	Suitable
Industrial Coatings	Suitable
Refinish Coatings	Suitable

SECTION 7 - PACKAGING, STORAGE & COMPLIANCE

Standard Pack	25 kg Bags
Storage	Store in cool, dry place away from direct sunlight. Moisture content: 1% Max.
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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