



Pigment Yellow 154

CI PY154 | C.I. No. 11781

CAS: 68134-22-5 | Form: Powder | Purity: > 99% | MW: 473.46 g/mol

SECTION 1 - PRODUCT IDENTIFICATION

Colour Index	CI PY154 C.I. No. 11781	Form	Powder
CAS Number	68134-22-5	Purity	> 99%
Molecular Wt.	473.46 g/mol	Shade	Medium Yellow
Chemical Class	Benzimidazolone	Opacity	Semi-transparent

SECTION 2 - PHYSICAL & CHEMICAL PROPERTIES

Specific Gravity	1.60 g/cm3	Appearance	Fine homogeneous powder
Oil Absorption	50-70 ml/100g	Heat Resistance	Stable at 220CC
pH Value	5.5-7.5	Lightfastness	8/7-8
Moisture/Vol.	1% Max	Weatherfastness	Mass: 5 Tint: 4-5

SECTION 3 - PERFORMANCE & FASTNESS PROPERTIES

Lightfast. (Mass)	8	Acid Fastness	5
Lightfast. (Tint)	7-8	Alkali Fastness	5
Water Fastness	5	Weather (Mass)	5
Oil Fastness	5	Weather (Tint)	4-5
Heat Stability	Stable at 220CC	Standard Pack	10 kg Drums

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

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

SECTION 5 - KEY FEATURES & PROPERTIES

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

SECTION 6 - RECOMMENDED APPLICATIONS

Oil Based Inks	Suitable
Automotive Coatings	Suitable
Decorative Coatings	Suitable
Industrial Coatings	Suitable
Refinish Coatings	Suitable

SECTION 7 - PACKAGING, STORAGE & COMPLIANCE

Standard Pack	10 kg Drums
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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