



Pigment Yellow 83

CI PY83 | C.I. No. 21108

CAS: 5567-15-7 | Form: Powder | Purity: > 99% | MW: 657.59 g/mol

SECTION 1 - PRODUCT IDENTIFICATION

Colour Index	CI PY83 C.I. No. 21108	Form	Powder
CAS Number	5567-15-7	Purity	> 99%
Molecular Wt.	657.59 g/mol	Shade	Reddish Yellow
Chemical Class	Diazo	Opacity	Semi-transparent

SECTION 2 - PHYSICAL & CHEMICAL PROPERTIES

Specific Gravity	1.40 ± 0.1 g/cm3	Appearance	Fine homogeneous powder
Oil Absorption	50 ± 5%	Heat Resistance	Stable at 180CC
pH Value	6.5-8.5	Lightfastness	7/6
Moisture/Vol.	Volatile Matter	Weatherfastness	N/A

SECTION 3 - PERFORMANCE & FASTNESS PROPERTIES

Lightfast. (Mass)	7	Acid Fastness	5
Lightfast. (Tint)	6	Alkali Fastness	5
Water Fastness	-	Weather (Mass)	N/A
Oil Fastness	4	Weather (Tint)	N/A
Heat Stability	Stable at 180CC	Standard Pack	25 kg Bags

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

Acid	5	Alkali	5	Overspray	4-5
M.E.K.	3-4	Xylene	3-4	Ethyl Acetate	3-4
Cellosolve	3	Mineral Turpentine	5		

SECTION 5 - KEY FEATURES & PROPERTIES

- Lightfastness: 7 (Mass Tone) / 6 (Tint Tone) - Blue Wool Scale (1-8)
- Heat Stable at 180CC - suitable for Polyolefin & PVC processing
- Film Note Rating: 1 - No undispersed particles (1-5 Scale)
- Excellent acid & alkali resistance: Acid 5, Alkali 5, Mineral Turpentine 5
- Designed for Polyolefins, PVC, EVA, ABS and Spun Fiber PP applications
- ISO 9001:2015 | ISO 14001:2015 | ISO 45001:2018 | FSSAI certified - REACH compliant, does not contain 24 ban

SECTION 6 - RECOMMENDED APPLICATIONS

Plastic Processing	Suitable
Injection Moulding	Suitable
Film Extrusion	Suitable
Industrial Paints	Suitable
Decorative Paints	Suitable
Printing Inks	Suitable
Rubber Colouring	Suitable
Paper Products	Suitable

SECTION 7 - PACKAGING, STORAGE & COMPLIANCE

Standard Pack	25 kg Bags
Storage	Store in sealed containers in cool, dry place. Volatile Matter: 1.5% Max.
Shelf Life	2 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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