



Pigment Red 3 (Toluidine Red)

CI PR3 | C.I. No. 12120

CAS: 2425-85-6 | Form: Powder | Purity: > 99% | MW: 292.76 g/mol

SECTION 1 - PRODUCT IDENTIFICATION

Colour Index	CI PR3 C.I. No. 12120	Form	Powder
CAS Number	2425-85-6	Purity	> 99%
Molecular Wt.	292.76 g/mol	Shade	Yellowish Red
Chemical Class	Azo (Monoazo)	Opacity	Semi-opaque

SECTION 2 - PHYSICAL & CHEMICAL PROPERTIES

Specific Gravity	1.35-1.48 g/cm3	Appearance	Fine homogeneous powder
Oil Absorption	55-65 g/100g	Heat Resistance	170CC
pH Value	6.5-7.5	Lightfastness	4-5
Moisture/Vol.	<= 1% Max	Weatherfastness	N/A

SECTION 3 - PERFORMANCE & FASTNESS PROPERTIES

Lightfast. (Mass)	4-5	Acid Fastness	4
Lightfast. (Tint)	N/A	Alkali Fastness	3
Water Fastness	4	Weather (Mass)	N/A
Oil Fastness	3	Weather (Tint)	N/A
Heat Stability	170CC	Standard Pack	25 kg Bags

SECTION 5 - KEY FEATURES & PROPERTIES

- Classic toluidine red - industry-standard pigment
- Bright yellowish-red shade with good opacity
- Good dispersibility in oil-based systems
- Cost-effective with reliable performance
- Wide application range across paint, ink & rubber
- Consistent quality from batch to batch

SECTION 6 - RECOMMENDED APPLICATIONS

Decorative Paints	Suitable
Rubber Colouring	Suitable
Printing Inks	Suitable
Plastics	Suitable
Paper Products	Suitable

SECTION 7 - PACKAGING, STORAGE & COMPLIANCE

Standard Pack	25 kg Bags
Storage	Store in sealed containers in cool and dry area below 30CC.
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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