



Pigment Red 48:1 (Barium Red Lake)

CI PR48:1 | C.I. No. 15865:1

CAS: 7585-41-3 | Form: Powder | Purity: > 99% | MW: 499.68 g/mol

SECTION 1 - PRODUCT IDENTIFICATION

Colour Index	CI PR48:1 C.I. No. 15865:1	Form	Powder
CAS Number	7585-41-3	Purity	> 99%
Molecular Wt.	499.68 g/mol	Shade	Bluish Red
Chemical Class	Azo Lake (Barium Salt)	Opacity	Semi-opaque

SECTION 2 - PHYSICAL & CHEMICAL PROPERTIES

Specific Gravity	1.50-1.65 g/cm3	Appearance	Fine homogeneous powder
Oil Absorption	55-65 g/100g	Heat Resistance	150CC
pH Value	6.5-7.5	Lightfastness	4
Moisture/Vol.	<= 1% Max	Weatherfastness	N/A

SECTION 3 - PERFORMANCE & FASTNESS PROPERTIES

Lightfast. (Mass)	4	Acid Fastness	4
Lightfast. (Tint)	N/A	Alkali Fastness	2
Water Fastness	4	Weather (Mass)	N/A
Oil Fastness	3	Weather (Tint)	N/A
Heat Stability	150CC	Standard Pack	25 kg Bags

SECTION 5 - KEY FEATURES & PROPERTIES

- Bright bluish-red barium lake with good tinting strength
- Good dispersibility in ink formulations
- Cost-effective lake red for commercial printing
- Wide compatibility with offset, flexo & gravure systems
- Note: Low alkali resistance - avoid alkaline media
- Standard industry grade for packaging & stationery

SECTION 6 - RECOMMENDED APPLICATIONS

Printing Inks	Suitable
Decorative Paints	Suitable
Packaging	Suitable

SECTION 7 - PACKAGING, STORAGE & COMPLIANCE

Standard Pack	25 kg Bags
Storage	Store in dry conditions away from alkalis and moisture 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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