



Pigment Red 53:1 (Azo Lake - Barium Salt)

CI PR53:1 | C.I. No. 15585:1
CAS: 5160-02-1 | Form: Powder | Purity: > 99% | MW: 501.67 g/mol

SECTION 1 - PRODUCT IDENTIFICATION

Colour Index	CI PR53:1 C.I. No. 15585:1	Form	Powder
CAS Number	5160-02-1	Purity	> 99%
Molecular Wt.	501.67 g/mol	Shade	Bluish Red
Chemical Class	Azo Lake (Barium Salt)	Opacity	Semi-opaque

SECTION 2 - PHYSICAL & CHEMICAL PROPERTIES

Specific Gravity	1.55-1.68 g/cm3	Appearance	Fine homogeneous powder
Oil Absorption	55-65 g/100g	Heat Resistance	150CC
pH Value	6.0-7.0	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

- Barium salt lake - ink industry standard red
- Good transparency for overprint applications
- Bright bluish-red with strong colour
- Widely used in offset & flexo printing inks
- Note: Limited alkali resistance - use in neutral pH systems
- Cost-effective for commercial print applications

SECTION 6 - RECOMMENDED APPLICATIONS

Printing Inks	Suitable
Decorative Paints	Suitable
Paper Coatings	Suitable

SECTION 7 - PACKAGING, STORAGE & COMPLIANCE

Standard Pack	25 kg Bags
Storage	Store 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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