



Pigment Orange 13 (Diarylide Orange)

CI PO13 | C.I. No. 21110

CAS: 3520-72-7 | Form: Powder | Purity: > 99% | MW: 657.55 g/mol

SECTION 1 - PRODUCT IDENTIFICATION

Colour Index	CI PO13 C.I. No. 21110	Form	Powder
CAS Number	3520-72-7	Purity	> 99%
Molecular Wt.	657.55 g/mol	Shade	Reddish Orange
Chemical Class	Diarylide (Bisazo)	Opacity	Transparent

SECTION 2 - PHYSICAL & CHEMICAL PROPERTIES

Specific Gravity	1.38-1.50 g/cm3	Appearance	Fine homogeneous powder
Oil Absorption	60-70 g/100g	Heat Resistance	160CC
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	160CC	Standard Pack	25 kg Bags

SECTION 5 - KEY FEATURES & PROPERTIES

- Bright reddish-orange with strong tinting power
- Good tinctorial strength - economical usage
- Cost-effective for commercial printing applications
- Good compatibility with common resin systems
- Widely used in packaging and publication inks
- Good dispersibility in standard ink vehicles

SECTION 6 - RECOMMENDED APPLICATIONS

Printing Inks	Suitable
Coatings	Suitable
Masterbatch	Suitable
Offset Inks	Suitable

SECTION 7 - PACKAGING, STORAGE & COMPLIANCE

Standard Pack	25 kg Bags
Storage	Store in cool, dry place 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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