



Pigment Orange 5 (Dinitroaniline Orange)

CI PO5 | C.I. No. 12075

CAS: 3468-63-1 | Form: Powder | Purity: > 99% | MW: 304.70 g/mol

SECTION 1 - PRODUCT IDENTIFICATION

Colour Index	CI PO5 C.I. No. 12075	Form	Powder
CAS Number	3468-63-1	Purity	> 99%
Molecular Wt.	304.70 g/mol	Shade	Reddish Orange
Chemical Class	Azo (Monoazo)	Opacity	Semi-opaque

SECTION 2 - PHYSICAL & CHEMICAL PROPERTIES

Specific Gravity	1.35-1.45 g/cm3	Appearance	Fine homogeneous powder
Oil Absorption	55-65 g/100g	Heat Resistance	160CC
pH Value	6.0-7.5	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	3
Water Fastness	3	Weather (Mass)	N/A
Oil Fastness	3	Weather (Tint)	N/A
Heat Stability	160CC	Standard Pack	25 kg Bags

SECTION 5 - KEY FEATURES & PROPERTIES

- Economy grade monoazo orange at competitive price
- Bright reddish-orange shade with good strength
- Good tinting strength for decorative applications
- Easy dispersion in oil and rubber media
- Widely used in rubber and general industry
- Cost-effective for standard indoor applications

SECTION 6 - RECOMMENDED APPLICATIONS

Decorative Paints	Suitable
Rubber Colouring	Suitable
Printing Inks	Suitable
Crayons & Stationery	Suitable

SECTION 7 - PACKAGING, STORAGE & COMPLIANCE

Standard Pack	25 kg Bags
Storage	Cool, dry below 30CC in sealed containers.
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:

sales@kananipigment.com | +91 88499 95971 | www.kananipigment.com | Gujarat, India