



Pigment Orange 34 (Diarylide Orange)

CI PO34 | C.I. No. 21115

CAS: 15793-73-4 | Form: Powder | Purity: > 99% | MW: 627.51 g/mol

SECTION 1 - PRODUCT IDENTIFICATION

|                |                          |         |                |
|----------------|--------------------------|---------|----------------|
| Colour Index   | CI PO34   C.I. No. 21115 | Form    | Powder         |
| CAS Number     | 15793-73-4               | Purity  | > 99%          |
| Molecular Wt.  | 627.51 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   | 55-65 g/100g    | Heat Resistance | 180CC                   |
| pH Value         | 6.5-7.5         | Lightfastness   | 5                       |
| Moisture/Vol.    | <= 1% Max       | Weatherfastness | N/A                     |

SECTION 3 - PERFORMANCE & FASTNESS PROPERTIES

|                   |       |                 |            |
|-------------------|-------|-----------------|------------|
| Lightfast. (Mass) | 5     | Acid Fastness   | 4          |
| Lightfast. (Tint) | N/A   | Alkali Fastness | 3          |
| Water Fastness    | 4     | Weather (Mass)  | N/A        |
| Oil Fastness      | 4     | Weather (Tint)  | N/A        |
| Heat Stability    | 180CC | Standard Pack   | 25 kg Bags |

SECTION 5 - KEY FEATURES & PROPERTIES

- Good heat stability up to 180CC
- Brighter & better properties than PO13
- Reliable performance across coating & ink use
- Good bleed resistance in plastics
- Multi-application suitability - paint, ink & plastic
- Good dispersibility in solvent-based systems

SECTION 6 - RECOMMENDED APPLICATIONS

|                     |          |
|---------------------|----------|
| Coatings            | Suitable |
| Printing Inks       | Suitable |
| Masterbatch         | Suitable |
| Automotive Refinish | Suitable |
| Industrial Finishes | Suitable |

SECTION 7 - PACKAGING, STORAGE & COMPLIANCE

|                 |                                                      |
|-----------------|------------------------------------------------------|
| Standard Pack   | 25 kg Bags                                           |
| Storage         | Cool dry conditions 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:

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