

## TECHNICAL DATA SHEET

# AZO ORANGE SERIES

High Performance Organic Pigments

BATCH /  
PRODUCT SPECIFIC

### PRODUCT RANGE

PO 13, PO 34, PO 36

### CHEMICAL CLASS

Azo Pigments

### COLOUR INDEX

Pigment Orange 13, 34, 36



#### TYPICAL PROPERTIES

Appearance	Orange to red-orange powder
Colour Shade	Orange
Colour Index	PO 13, PO 34, PO 36
Tinting Strength (%)	95 – 105
Heat Stability (°C)	Up to 300
Light Fastness (Full Shade)	6 – 7
Weather Fastness	4 – 5
Oil Absorption (g/100g)	25 – 45
pH (10% Extract)	5.0 – 8.0
Water Soluble Matter (%)	Max. 1.0
Moisture Content (%)	Max. 1.0
Residue on 325 Mesh (%)	Max. 0.1

#### TYPICAL COLOUR SHADES\*

PO 13



PO 34



PO 36



\* Shaded shown are for indication only.  
Actual shade may vary depending on  
application and formulation.

#### KEY FEATURES

- Bright orange shades
- Good dispersion
- High tinting strength
- Good light & heat stability
- Excellent chemical resistance
- Cost-effective

#### PHYSICAL & CHEMICAL PROPERTIES (TYPICAL VALUES)

PROPERTY	SPECIFICATION	TEST METHOD
Appearance	Orange to red-orange powder	Visual
Colour Shade	Orange	Visual
Colour Index	PO 13, PO 34, PO 36	—
Tinting Strength (%)	95 – 105	ISO 787-24
Heat Stability (°C)	Up to 300	ISO 787-24
Light Fastness (Full Shade)	6 – 7	ISO 105-B02
Weather Fastness	4 – 5	ISO 105-B04
Oil Absorption (g/100g)	25 – 45	ISO 787-5
pH (10% Extract)	5.0 – 8.0	ISO 787-9
Water Soluble Matter (%)	Max. 1.0	ISO 787-3
Moisture Content (%)	Max. 1.0	ISO 787-2
Residue on 325 Mesh (%)	Max. 0.1	ISO 787-7

#### TYPICAL APPLICATIONS

- Paints & Coatings
- Plastics
- Printing Inks
- Textile
- Rubber
- Stationery

#### TYPICAL PACKAGING

- 25 Kg / 20 Kg  
Triple Lined HDPE Bags  
with PE Liner  
or as per customer request.

#### STORAGE

- Store in a cool, dry and  
well-ventilated area,  
away from direct sunlight  
and moisture. Keep  
containers tightly closed  
when not in use.

#### SHELF LIFE

- 24 months from date of  
manufacture under  
proper storage conditions.

#### SAFETY & HANDLING

- Avoid inhalation of dust.
- Use appropriate personal protective equipment.
- In case of contact with skin or eyes, wash immediately with plenty of water.
- Refer to SDS for detailed information.

#### REGULATORY INFORMATION

This product is not classified as hazardous under CLP Regulation (EC) No. 1272/2008. Please refer to the product-specific Safety Data Sheet (SDS) for detailed handling information.

**NOTE:** The information given in this data sheet is based on our current knowledge and laboratory data. It is intended to provide general information about the product and its application. It is not a warranty of any kind. Users are advised to test the suitability of the product for their specific application before use.