

TECHNICAL DATA SHEET

AZO RED SERIES

High Performance Organic Pigments

BATCH /
PRODUCT SPECIFIC



PRODUCT RANGE

PR 48:1, PR 53:1,
PR 57:1, PR 112

CHEMICAL CLASS

Azo Pigments

COLOUR INDEX

Pigment Red 48:1, 53:1, 57:1, 112

KEY FEATURES



Strong colour strength



Good solvent resistance



Economical pigment solutions



Excellent light & heat stability



Good opacity & tinting strength

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.

PHYSICAL & CHEMICAL PROPERTIES (TYPICAL VALUES)

| PROPERTY | SPECIFICATION | TEST METHOD |
|-----------------------------|--------------------------------------|-------------|
| Appearance | Red to reddish powder | Visual |
| Colour Index | PR 48:1, PR 53:1, PR 57:1, PR 112 | — |
| Colour Shade | Red | Visual |
| 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 |

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.

TYPICAL COLOUR SHADES*

PR 48:1



PR 53:1



PR 57:1



PR 112



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

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.