

# Pigment Red 48:3 (2BSP)

|           |                  |
|-----------|------------------|
| C.I. Name | Pigment Red 48:3 |
| C.I. No.  | 15865:3          |

|                |            |
|----------------|------------|
| CAS. No.       | 15782-05-5 |
| Chemical Group | Monoazo    |

## Product Description

Red 48:3 (2BSP) is a yellow shade Red recommended for various plastics applications such as PE, HDPE, LDPE and PP spin dyeing. Other uses can include general industrial finishes and in architectural coatings and in water based printing inks area for packaging use.

## Physical Data

|                              |               |
|------------------------------|---------------|
| Density (g/cm <sup>3</sup> ) | 1.6~1.9       |
| Form of Supply               | Red Powder    |
| Oil Absorption (mg/100g)     | 55~65         |
| Moisture (%)                 | ≤1.5          |
| PH Value                     | 5.5~7.5       |
| Light Fastness               | 6             |
| Heat Stability               | 240°C / 464°F |

## Chemical Resistance

|           |     |
|-----------|-----|
| Acid      | 3   |
| Alkali    | 3   |
| Alcohol   | 4   |
| Ester     | 4   |
| Ketone    | 4   |
| Soap      | 2   |
| Migration | 4~5 |

## Applications

### - Coatings

|                    |   |
|--------------------|---|
| Automotive Coating | - |
| Industrial Coating | ○ |
| Decorative Coating | - |
| Coil Coating       | ● |
| Wood Coating       | - |
| Powder Coating     | ● |

### - Plastics

|          |   |
|----------|---|
| PVC      | ● |
| PE/PP/PO | ● |
| ABS      | - |
| PS       | - |
| PA       | - |
| Rubber   | ● |

### - Inks

|               |   |
|---------------|---|
| Offset Ink    | ○ |
| Solvent based | ○ |
| Water based   | ● |
| UV / EB       | ○ |
| Inkjet        | ○ |
|               |   |

● Recommend

○ Limited Suitability

- Not Recommended

## Product Specification

| Test Property  | Specification | Test Method |
|----------------|---------------|-------------|
| dE             | ≤1.0          | AFTM-P 2.1  |
| Color Strength | 100±5%        | AFTM-P 2.1  |

## Packaging, Shipping & Storage

Pigment Red 48:3 (2BSP) is supplied in powder form. The product is packed in 25kg/55lb paper bag and shipped on pallets (300kg). Please keep the product stored under normal temperatures, dry and protected from weather.

*All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.*