

# Pigment Red 1120

|           |                 |
|-----------|-----------------|
| C.I. Name | Pigment Red 112 |
| C.I. No.  | 12370           |

|                |           |
|----------------|-----------|
| CAS. No.       | 6535-46-2 |
| Chemical Group | Monoazo   |

## Product Description

Red 112 commonly referred as signal red pigment with very good fastness to light and weathering even in medium reductions. However, it is sensitive to blooming at very low concentrations. It is recommended for water based systems and non-aromatic solvent based systems.

## Physical Data

|                              |               |
|------------------------------|---------------|
| Density (g/cm <sup>3</sup> ) | 1.4~1.5       |
| Form of Supply               | Red Powder    |
| Oil Absorption (mg/100g)     | 40~50         |
| Moisture (%)                 | ≤1.5          |
| PH Value                     | 5.5~7.0       |
| Light Fastness               | 7~8           |
| Heat Stability               | 200°C / 392°F |

## Chemical Resistance

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

## Applications

### - Coatings

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

### - Plastics

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

### - Inks

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

● Recommend

○ Limited Suitability

- Not Recommended

## Product Specification

| Test Property  | Specification | Test Method |
|----------------|---------------|-------------|
| dE             | ≤1.5          | AFTM-P 2.1  |
| Color Strength | 100±5%        | AFTM-P 2.1  |

## Packaging, Shipping & Storage

Pigment Red 1120 is supplied in powder form. The product is packed in 25kg/55lb paper bag and shipped on pallets (400kg). 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.*