

# Pigment Red 3

|           |               |
|-----------|---------------|
| C.I. Name | Pigment Red 3 |
| C.I. No.  | 12120         |

|                |           |
|----------------|-----------|
| CAS. No.       | 2425-85-6 |
| Chemical Group | Toluidine |

## Product Description

Pigment Red 3 is a semi-transparent to semi-opaque, mid shade toluidine red which offers very good lightfastness in masstone shades. It is primarily recommended for use in air-dry industrial coatings in or near full shades. Some additional usages can be found in water based flexo printing.

## Physical Data

|                              |               |
|------------------------------|---------------|
| Density (g/cm <sup>3</sup> ) | 1.3~1.4       |
| Form of Supply               | Red Powder    |
| Oil Absorption (mg/100g)     | 40~60         |
| Moisture (%)                 | ≤1.5          |
| PH Value                     | 6~7           |
| Light Fastness               | 7             |
| Heat Stability               | 180°C / 356°F |

## Chemical Resistance

|           |     |
|-----------|-----|
| Acid      | 4~5 |
| Alkali    | 4~5 |
| Alcohol   | 3~4 |
| Ester     | 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 3 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.*