

# Pigment Red 81

|           |                |
|-----------|----------------|
| C.I. Name | Pigment Red 81 |
| C.I. No.  | 45160:3        |

|                |            |
|----------------|------------|
| CAS. No.       | 80083-40-5 |
| Chemical Group | Rhodamine  |

## Product Description

Red 81 is a pink toner used for solvent printing inks. The powder is rose in color and has a bluish shade closely matching Pigment Red 122 (Quinacrydone).

## Physical Data

|                              |               |
|------------------------------|---------------|
| Density (g/cm <sup>3</sup> ) | 1.6           |
| Form of Supply               | Red Powder    |
| Oil Absorption (mg/100g)     | 45~55         |
| Moisture (%)                 | ≤1.5          |
| PH Value                     | 6~8           |
| Light Fastness               | 3~4           |
| Heat Stability               | 140°C / 284°F |

## Chemical Resistance

|           |     |
|-----------|-----|
| Acid      | 5   |
| Alkali    | 4   |
| Alcohol   | 3~4 |
| Ester     | 3~4 |
| Ketone    | 3~4 |
| Soap      | 3~4 |
| 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 81 is supplied in powder form. The product is packed in 10kg/22lb 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.*