

# Pigment Yellow 141R

|           |                   |
|-----------|-------------------|
| C.I. Name | Pigment Yellow 14 |
| C.I. No.  | 21095             |

|                |           |
|----------------|-----------|
| CAS. No.       | 5468-75-7 |
| Chemical Group | Diarylide |

## Product Description

Yellow 141R is a reddish shade diarylide yellow pigment. It is designed for solvent ink having a good balance of color strength, transparency, gloss, viscosity / rheological properties.

## Physical Data

|                              |               |
|------------------------------|---------------|
| Density (g/cm <sup>3</sup> ) | 1.6           |
| Form of Supply               | Yellow Powder |
| Oil Absorption (mg/100g)     | 35~45         |
| Moisture (%)                 | ≤1.5          |
| PH Value                     | 5.0~7.5       |
| Light Fastness               | 5~6           |
| Heat Stability               | 180°C / 356°F |

## Chemical Resistance

|           |   |
|-----------|---|
| Acid      | 5 |
| Alkali    | 5 |
| Alcohol   | 5 |
| Ester     | 5 |
| Ketone    | 5 |
| Soap      | 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

|               |   |
|---------------|---|
| 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 Yellow 141R is supplied in powder form. The product is packed in 25kg/55lb paper bag and shipped on pallets (400kg). 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.*