

# Pigment Blue 15:3W

|           |                   |
|-----------|-------------------|
| C.I. Name | Pigment Blue 15:3 |
| C.I. No.  | 74160             |

|                |                |
|----------------|----------------|
| CAS. No.       | 147-14-8       |
| Chemical Group | Phthalocyanine |

## Product Description

Pigment Blue 15:3W is a semi-transparent, beta-copper phthalocyanine blue pigment with the outstanding fastness properties of this group of pigments. Recommended for waterbase printing inks.

## Physical Data

|                              |               |
|------------------------------|---------------|
| Density (g/cm <sup>3</sup> ) | 1.55          |
| Form of Supply               | Blue Powder   |
| Oil Absorption (mg/100g)     | 45 ± 5        |
| Moisture (%)                 | ≤1            |
| PH Value                     | 6.5 - 7.5     |
| Light Fastness               | 7~8           |
| Heat Stability               | 280°C / 536°F |

## Chemical Resistance

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

|               |   |
|---------------|---|
| 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 Blue 15:3W 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.*