

# Technical Data Sheet



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|                    |         |                   |
|--------------------|---------|-------------------|
| <b>Commodity:</b>  | PY 3800 |                   |
| <b>C. I. Name:</b> | PY:83   | CAS No.:5567-15-7 |

## General Properties

|                             |                |                      |
|-----------------------------|----------------|----------------------|
| <i>Specific Gravity</i>     | 1.25           | (Water=1)            |
| <i>Oil Absorption</i>       | 43±5.0         | g Oil / 100g Pigment |
| <i>Moisture</i>             | <1.5%          |                      |
| <i>Color Strength</i>       | 100±5%         |                      |
| <i>Color Shade Variance</i> | $\Delta E < 1$ |                      |
| <i>PH</i>                   | 6.5-8.0        |                      |

## Fastness Properties

|                        |   |
|------------------------|---|
| <i>Heat Resistance</i> | 5 |
| <i>Light Fastness</i>  | 6 |
| <i>Migration</i>       | 4 |

## Resistance to Solvents (1-5 Scale; 5 denotes the best)

|                            |     |                      |   |
|----------------------------|-----|----------------------|---|
| <i>Water</i>               | 5   | <i>Toluene</i>       | 4 |
| <i>Ethyl Alcohol</i>       | 5   | <i>Ethyl Acetate</i> | 4 |
| <i>Methyl Ethyl Ketone</i> | 3-4 |                      |   |

## Resistance to Acid and Alkali (1-5 scale; 5 denotes the best)

|               |   |                |   |
|---------------|---|----------------|---|
| <i>2% HCL</i> | 5 | <i>2% NaOH</i> | 5 |
|---------------|---|----------------|---|

## Recommended for

Plastics, Paints & Coatings, Offset, Textile

Light fastness: 1-8 scale; 8 the best

Others: 1-5 scale; 5 the best

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