

Technical Data Sheet



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|--------------------|---------------|--------------------|
| Commodity: | Yellow 3100-3 | |
| C. I. Name: | PY:180 | CAS No.:77804-81-0 |

General Properties

| | | |
|-----------------------------|----------------|----------------------|
| <i>Specific Gravity</i> | >1.50 | (Water=1) |
| <i>Oil Absorption</i> | 50±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> | 6.0-8.0 | |

Fastness Properties

| | | |
|------------------------|-----|-----------------|
| <i>Heat Resistance</i> | 5 | 290°C x 10 min. |
| <i>Light Fastness</i> | 6-7 | |
| <i>Migration</i> | 5 | |

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

| | | | |
|----------------------------|-----|----------------------|---|
| <i>Water</i> | 2-3 | <i>Toluene</i> | 5 |
| <i>Ethyl Alcohol</i> | 5 | <i>Ethyl Acetate</i> | 5 |
| <i>Methyl Ethyl Ketone</i> | 4 | | |

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

| | | | |
|---------------|---|----------------|-----|
| <i>2% HCL</i> | 5 | <i>2% NaOH</i> | 4-5 |
|---------------|---|----------------|-----|

Recommended for

Offset, Plastics, Rubber, Coating, Textile

Light fastness: 1-8 scale; 8 the best

Others: 1-5 scale; 5 the best

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