



2139 Isoindoline Yellow 139

Description: 2139 is a reddish shade yellow pigment with excellent opacity and lightfastness in deep shades.

| | | | |
|----------------------|--------------------|-------------------------|------------|
| Chemical Type | Isoindoline Yellow | Constitution No. | 56298 |
| Color Index | Pigment Yellow 139 | CAS No. | 36888-99-0 |

Resistance Properties

| | | | |
|------------------------|---|----------------------|---|
| MEK | 5 | Ethanol | 5 |
| Water | 5 | Ethyl Acetate | 5 |
| Mineral Spirits | 5 | Acid | 5 |
| Xylene | 5 | Alkali | 5 |

Legend: 1=Poor, 2=Fair, 3=Good, 4=Very Good, 5=Excellent

Product Characteristics

| | | | |
|--|--------------------------------|---|-------|
| Migration (1-5) | | Lightfastness (1-8): Masstone | 8 |
| Heat Stability (°C/°F) | 199°C (Paints) 240°C (HDPE) | Lightfastness (1-8): Tint 1:10 | 7 - 8 |
| Warpage Rating (1-3) * Plastic Only | | Weatherfastness (1-5): Masstone | |
| Overpaint Resistance * Paints Only | 5 | Weatherfastness (1-5): Tint 1:10 | |

Warpage: 1 = minimal, 2 = some, 3 = severe Weatherfastness: 1=Poor, 2=Fair, 3=Good, 4=Very Good, 5=Excellent Lightfastness: 1-2=Poor, 3-4=Fair, 5=Good, 6-7=Very Good, 8=Excellent

Physical Properties

| | | | |
|-------------------------------------|--------|----------------------------|-----------|
| Particle Size (µm) | | pH | 5.0 - 7.0 |
| Specific Surface Area (m²/g) | | Specific Gravity | 1.7 |
| Oil Absorption (g/100g) | 45 | Bulk Density (kg/L) | |
| Moisture Content (%) | ≤ 1.0% | Bulk Volume (L/kg) | |

Applications

| Plastics | | Coatings | | Inks | | Other | |
|----------|--------------------------|----------------------|-------------------------------------|---------------|-------------------------------------|---------------|--|
| PVC | <input type="checkbox"/> | Decorative | <input type="checkbox"/> | Water Flexo | <input type="checkbox"/> | Paper | |
| PE | <input type="checkbox"/> | Automotive/Aerospace | <input checked="" type="checkbox"/> | Solvent Flexo | <input type="checkbox"/> | Rubber | |
| PP | <input type="checkbox"/> | Industrial | <input checked="" type="checkbox"/> | InkJet | <input checked="" type="checkbox"/> | Finger Paints | |
| PS | <input type="checkbox"/> | Powder | <input type="checkbox"/> | UV | <input checked="" type="checkbox"/> | Seed Coatings | |
| PET | <input type="checkbox"/> | | | Offset | <input type="checkbox"/> | | |
| Fiber | <input type="checkbox"/> | | | | | | |

Not Frequently Used Limited Recommended

Comments:

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