



1403B 2B Red 48:3

Description: 1403B is a yellow shade Red 48:3. It is an alternative to Barium Lithol pigments with good wax bleed resistance. 1403B is yellower than Red 48:2.

| | | | |
|----------------------|------------------|-------------------------|------------|
| Chemical Type | 2B Red | Constitution No. | 15865:3 |
| Color Index | Pigment Red 48:3 | CAS No. | 15782-05-5 |

Resistance Properties

| | | | |
|------------------------|-------|----------------------|-------|
| MEK | 4 - 5 | Ethanol | 4 |
| Water | 5 | Ethyl Acetate | 4 |
| Mineral Spirits | 4 - 5 | Acid | 3 |
| Xylene | 4 | Alkali | 4 - 5 |

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

Product Characteristics

| | | | |
|--|------------------------------|---|---|
| Migration (1-5) | | Lightfastness (1-8): Masstone | 6 |
| Heat Stability (°C/°F) | 190°C (Inks) 240°C (HDPE) | Lightfastness (1-8): Tint 1:10 | 4 |
| Warping Rating (1-3) * Plastic Only | | Weatherfastness (1-5): Masstone | |
| Overpaint Resistance * Paints Only | | Weatherfastness (1-5): Tint 1:10 | |

Warping: 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 | 5.5 - 7.5 |
| Specific Surface Area (m²/g) | | Specific Gravity | 1.7 |
| Oil Absorption (g/100g) | 43 - 53 | Bulk Density (kg/L) | |
| Moisture Content (%) | ≤ 1.0% | Bulk Volume (L/kg) | |

Applications

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

Not Frequently Used Limited Recommended

Comments:

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