



PR-221 2B Red 48:1

Description: PR-221 is an opaque, yellow shade 2B Red offering excellent color intensity and heat stability. PR-221 is yellower in shade than our 1480.

| | | | |
|----------------------|------------------|-------------------------|-----------|
| Chemical Type | 2B Red | Constitution No. | 15865:1 |
| Color Index | Pigment Red 48:1 | CAS No. | 7585-41-3 |

Resistance Properties

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

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

Product Characteristics

| | | | |
|--|------------------------------|---|-------|
| Migration (1-5) | | Lightfastness (1-8): Masstone | 3 - 4 |
| Heat Stability (°C/°F) | 177°C (Inks) 246°C (HDPE) | Lightfastness (1-8): Tint 1:10 | 3 |
| 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 | 7.0 - 9.0 |
| Specific Surface Area (m²/g) | | Specific Gravity | 1.7 |
| Oil Absorption (g/100g) | 38 - 43 | Bulk Density (kg/L) | |
| Moisture Content (%) | <2.0% | Bulk Volume (L/kg) | |

Applications

| Plastics | | Coatings | | Inks | | Other | |
|----------|--------------------------|----------------------|--------------------------|---------------|-------------------------------------|---------------|--|
| PVC | <input type="checkbox"/> | Decorative | <input type="checkbox"/> | Water Flexo | <input checked="" type="checkbox"/> | Paper | |
| PE | <input type="checkbox"/> | Automotive/Aerospace | <input type="checkbox"/> | Solvent Flexo | <input checked="" type="checkbox"/> | Rubber | |
| PP | <input type="checkbox"/> | Industrial | <input type="checkbox"/> | InkJet | <input 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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