



## 8300P Phthalo Blue 15:3

**Description:** 8300P is a beta shade phthalocyanine blue that is easy dispersing. 8300P is FDA approved (Section 178.3297)

<b>Chemical Type</b>	Phthalo Blue	<b>Constitution No.</b>	74160
<b>Color Index</b>	Pigment Blue 15:3	<b>CAS No.</b>	147-14-8

### Resistance Properties

<b>MEK</b>	5	<b>Ethanol</b>	5
<b>Water</b>	5	<b>Ethyl Acetate</b>	5
<b>Mineral Spirits</b>	5	<b>Acid</b>	5
<b>Xylene</b>	5	<b>Alkali</b>	5

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

### Product Characteristics

<b>Migration (1-5)</b>	5	<b>Lightfastness (1-8): Masstone</b>	8
<b>Heat Stability (°C/°F)</b>	200°C (Paints) 280°C (PP)	<b>Lightfastness (1-8): Tint 1:10</b>	8
<b>Warpage Rating (1-3) * Plastic Only</b>		<b>Weatherfastness (1-5): Masstone</b>	
<b>Overpaint Resistance * Paints Only</b>	5	<b>Weatherfastness (1-5): Tint 1:10</b>	

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

<b>Particle Size (µm)</b>		<b>pH</b>	5.0 - 8.0
<b>Specific Surface Area (m<sup>2</sup>/g)</b>		<b>Specific Gravity</b>	1.6
<b>Oil Absorption (g/100g)</b>	43 - 48	<b>Bulk Density (kg/L)</b>	
<b>Moisture Content (%)</b>	≤ 1.0%	<b>Bulk Volume (L/kg)</b>	

### Applications

Plastics	Coatings	Inks	Other
PVC ■	Decorative ■	Water Flexo □	Paper
PE ■	Automotive/Aerospace ■	Solvent Flexo □	Rubber
PP ■	Industrial ■	InkJet □	Finger Paints
PS ■	Powder ■	UV ■	Seed Coatings
PET ■		Offset □	
Fiber ■			

□ Not Frequently Used    □ Limited    ■ Recommended

#### Comments:

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