



## 5353 Phthalo Blue 15:3

**Description:** 5353 is a green shade phthalocyanine blue for plastics. 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>	300°C (HDPE)	<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>		<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>	6.5 - 8.5
<b>Specific Surface Area (m<sup>2</sup>/g)</b>		<b>Specific Gravity</b>	1.60
<b>Oil Absorption (g/100g)</b>	38 - 45	<b>Bulk Density (kg/L)</b>	
<b>Moisture Content (%)</b>	<1.0	<b>Bulk Volume (L/kg)</b>	

### Applications

Plastics	Coatings	Inks	Other
PVC <input checked="" type="checkbox"/>	Decorative <input type="checkbox"/>	Water Flexo <input 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 type="checkbox"/>	InkJet <input type="checkbox"/>	Finger Paints
PS <input checked="" type="checkbox"/>	Powder <input type="checkbox"/>	UV <input type="checkbox"/>	Seed Coatings
PET <input checked="" type="checkbox"/>		Offset <input type="checkbox"/>	
Fiber <input checked="" type="checkbox"/>			

Not Frequently Used  Limited  Recommended

#### Comments:

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