



## 2538 Quinophthalone Yellow 138

**Description:** 2538 is an opaque, green shade yellow with low viscosity in liquid systems and excellent light and weatherfastness. It is greener than 2338 and exhibits high hiding power and good dispersibility. 2538 is FDA approved (21 CFR Part 178.3297).

<b>Chemical Type</b>	Quinophthalone Yellow	<b>Constitution No.</b>	56300
<b>Color Index</b>	Pigment Yellow 138	<b>CAS No.</b>	30125-47-4

### 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>	4	<b>Alkali</b>	5

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

### Product Characteristics

<b>Migration (1-5)</b>		<b>Lightfastness (1-8): Masstone</b>	8
<b>Heat Stability (°C/°F)</b>	250°C (Paints)	<b>Lightfastness (1-8): Tint 1:10</b>	7
<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>	5.0 - 7.0
<b>Specific Surface Area (m<sup>2</sup>/g)</b>		<b>Specific Gravity</b>	1.8
<b>Oil Absorption (g/100g)</b>		<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 type="checkbox"/>	Decorative	■	Water Flexo	<input type="checkbox"/>	Paper	
PE	<input type="checkbox"/>	Automotive/Aerospace	■	Solvent Flexo	■	Rubber	
PP	<input type="checkbox"/>	Industrial	■	InkJet	<input type="checkbox"/>	Finger Paints	
PS	<input type="checkbox"/>	Powder	■	UV	<input 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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