



# DCC Yellow 4503

**Description:** DCC Yellow 4503 is a standard performance medium shade yellow pigment developed as an offset to PY.34 for interior paint applications.

<b>Chemical Type</b>	Hybrid	<b>Constitution No.</b>	Proprietary
<b>Color Index</b>	Proprietary	<b>CAS No.</b>	Proprietary

## Resistance Properties

<b>MEK</b>	2	<b>Ethanol</b>	4
<b>Water</b>	5	<b>Ethyl Acetate</b>	3
<b>Mineral Spirits</b>	4	<b>Acid</b>	5
<b>Xylene</b>	3	<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>	6-7
<b>Heat Stability (°C/°F)</b>	140°C (Paints)	<b>Lightfastness (1-8): Tint 1:10</b>	6-7
<b>Warpage Rating (1-3) * Plastic Only</b>		<b>Weatherfastness (1-5): Masstone</b>	3
<b>Overpaint Resistance * Paints Only</b>		<b>Weatherfastness (1-5): Tint 1:10</b>	1

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>	5.5-8.5
<b>Specific Surface Area (m<sup>2</sup>/g)</b>		<b>Specific Gravity</b>	1.3
<b>Oil Absorption (g/100g)</b>	35	<b>Bulk Density (kg/L)</b>	
<b>Moisture Content (%)</b>	<2.0%	<b>Bulk Volume (L/kg)</b>	

## Applications

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

Not Frequently Used     Limited     Recommended

**Comments:** May exhibit blooming, not recommended for baking systems

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