



# DCC Yellow 1014

**Description:** DCC Yellow 1014 is standard medium chrome yellow pigment used for plastic and coating applications.

<b>Chemical Type</b>	Medium Chrome Yellow	<b>Constitution No.</b>	77603
<b>Color Index</b>	Pigment Yellow 34	<b>CAS No.</b>	1344-37-2

## 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>	4
<b>Xylene</b>	5	<b>Alkali</b>	2

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>	5
<b>Heat Stability (°C/°F)</b>	200°C (Paints) 240°C (HDPE)	<b>Lightfastness (1-8): Tint 1:10</b>	7
<b>Warpage Rating (1-3) * Plastic Only</b>		<b>Weatherfastness (1-5): Masstone</b>	2
<b>Overpaint Resistance * Paints Only</b>	5	<b>Weatherfastness (1-5): Tint 1:10</b>	4

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>	5.2
<b>Oil Absorption (g/100g)</b>	21	<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 checked="" type="checkbox"/>	Solvent Flexo <input type="checkbox"/>	Rubber
PP <input checked="" 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:** Restricted to industrial and professional inks, coatings, plastics and roadmarking (subject to regional legislation) This product must not be used for decorative coatings, children's articles (including toys, paints, jewelry and equipment), consumer products, printing inks for consumer products, food and food packaging, drugs and medical devices, ceramics and glassware, cosmetics and tattoos.

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