



# DCC Red 7168

**Description:** DCC Red 7168 is a high performance bright yellow shade red pigment for use in high-end decorative and industrial coating applications

<b>Chemical Type</b>	Anthanthrone	<b>Constitution No.</b>	59300
<b>Color Index</b>	Pigment Red 168	<b>CAS No.</b>	4378-61-4

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

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>	2.0
<b>Oil Absorption (g/100g)</b>	32	<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 checked="" 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:

**DISCLAIMER OF LIABILITY FOR RELIANCE ON INFORMATION PROVIDED BY DCL:** The information contained herein is true and accurate to the best of our knowledge and are deemed as typical values, being therefore provided without warranty or guarantee. Since the conditions of use are beyond our control, DCL disclaims all liability and assumes no legal responsibility for damages resulting from use of or reliance upon the information contained herein. DCL strongly recommends careful screening/testing before using its products in production.