

# DCC ORANGE 7036

Blue Shade Benzimidazolone Orange Pigment



Working Together for Quality®

## SPECIFICATIONS AND PROPERTIES

### DESCRIPTION

DCC Orange 7036 is a high performance blue shade orange pigment for use in high-end coatings applications. It can be used in all coatings but is recommended for the highest end coatings applications where very good weatherfastness and heat stability are required. It is a very cost effective lead free alternative to molybdate orange.

<b>Chemical Type/Common Name</b>	Organic / Benzimidazolone Orange
<b>Colour Index: Generic Name</b>	Pigment Orange 36
<b>Colour Index: Constitution No.</b>	11780
<b>CAS Registry No.</b>	12236-62-3
<b>Chemical Name</b>	Butanamide, 2-[(4-chloro-2-nitrophenyl) azo]-N-(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-3-oxo

### SPECIFICATIONS

<b>Masstone Shade</b>	Max. Delta E* 1.5 of Standard (DCC TM 1235A)
<b>Tint Strength (apparent)</b>	± 5% of Standard (DCC TM 1235A)
Shade & strength determinations are made with the aid of a MacBeth Colour Computer, under the following conditions: CIELAB, 10 degree observer, D65 light source, UV & gloss included.	
<b>Note:</b> Test Methods available from DCC on request.	

### PHYSICAL PROPERTIES

<b>Specific Gravity</b>	1.56 g/cc (DCC TM 3101B)
<b>Oil Absorption</b>	34 (ASTM D-281-84- Fasig Method)
<b>Moisture</b>	<2.0% max. (ASTM D-280-81)
<b>% Halogen Content</b>	% Cl = 8.52

### PROPERTIES

<b>Ethyl Acetate</b>	Very Good	<b>D.B.P.</b>	Very Good
<b>Glycol</b>	Very Good	<b>Ethyl Alcohol</b>	Very Good
<b>MEK</b>	Very Good	<b>Linseed oil</b>	Very Good
<b>Wax (Paraffin)</b>	Excellent	<b>Mineral Spirits</b>	Very Good
<b>Water</b>	Excellent	<b>Xylene</b>	Very Good
<b>Dilute Acid</b>	Excellent	<b>Dilute Alkali</b>	Excellent
<b>Heat Resistance:</b> 150°C/20 minutes – Excellent, 165°C/15 minutes – Excellent			
<b>Weatherfastness Full Strength (W/O -1000 hrs.)</b>	Excellent	<b>Weatherfastness TiO<sub>2</sub> Tint (W/O -1000 hrs)</b>	Very Good

### RECOMMENDED APPLICATIONS

<b>Agricultural &amp; Construction Equipment</b>	●	<b>Architectural Latex</b>	●
<b>Automotive OEM</b>	●	<b>Automotive Refinish &amp; Fleet</b>	●
<b>Building Products</b>	●	<b>Oil, Gas &amp; Marine</b>	●
● Frequently used		○ Not Normally Used	
■ Limited Use			

### WORLDWIDE INVENTORIES REGISTRATION STATUS

<b>Australia (AICS)</b>	Registered	<b>Canada (DSL)</b>	Registered	<b>China</b>	Registered
<b>Europe (EINECS)</b>	Registered	<b>Japan</b>	Registered	<b>Philippines</b>	Registered
<b>USA (TSCA)</b>	Registered	<b>New Zealand</b>	Registered	<b>South Korea</b>	Registered

### TECHNICAL SERVICE LAB APPROVAL

### QUALITY CONTROL LAB APPROVAL

<b>DATE OF ISSUE</b>	19 <sup>th</sup> April 2011	<b>PAGE 1 OF 1</b>	Ver. # 2.0
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