

DCC ORANGE 7136

Blue Shade Benzimidazolone Orange Pigment



Working Together for Quality®

SPECIFICATIONS AND PROPERTIES

DESCRIPTION

DCC Orange 7136 is a high performance blue shade yellow 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 excellent weatherfastness, heat stability, chemical resistance are required.

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

SPECIFICATIONS

Masstone Shade	Max. Delta E* 1.0 of Standard (DCC TM 1235A)
Tint Strength (apparent)	± 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.	
Note: Test Methods available from DCC on request.	

PHYSICAL PROPERTIES

Specific Gravity	1.61 g/cc	(DCC TM 3101B)
Oil Absorption	37	(ASTM D-281-84- Fasig Method)
Moisture	≤2.0% max.	(ASTM D-280-81)
% Halogen Content	%Cl = 8.52	

PROPERTIES

Ethyl Acetate	Excellent	D.B.P.	Excellent
Glycol	Very Good	Ethyl Alcohol	Excellent
MEK	Excellent	Linseed oil	Excellent
Wax (Paraffin)	Excellent	Mineral Spirits	Excellent
Water	Excellent	Xylene	Excellent
Dilute Acid	Excellent	Dilute Alkali	Excellent
Heat Resistance: 120°C/30 minutes – Excellent, 200°C/10 minutes – Excellent			
Over-paint bleed resistance (120°C/30 minutes) - Excellent			
Weatherfastness ⁽¹⁾ Full Strength	5	Weatherfastness ⁽¹⁾ TiO₂ Tint	4

(1) Assessment was made using the ISO Grey Scale R105 A02 (1 = severe change, 5 = no change)

RECOMMENDED APPLICATIONS

Architectural Water & Universal	●	Coil Coatings	■
Architectural Solvent	●	Automotive Coatings	●
Industrial Fast Air Drying	●	Powder Coatings	●
Industrial Oven Cured	●		

● Frequently used ■ Limited Use ○ Not Normally Used

WORLDWIDE INVENTORIES REGISTRATION STATUS

Australia (AICS)	Registered	Canada (DSL)	Registered	China (IECSC)	Registered
Europe (EINECS)	Registered	Japan (ENCS)	Registered	Philippines (PICCS)	Registered
USA (TSCA)	Registered	New Zealand (NZIoC)	Registered	South Korea (KECI)	Registered

TECHNICAL SERVICE LAB APPROVAL

QUALITY CONTROL LAB APPROVAL

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