



DCC ORANGE 7065

Clean Yellow Shade Orange Pigment

Dominion Colour Corporation

Your Idea. Our Solution.™

SPECIFICATIONS AND PROPERTIES

DESCRIPTION

DCC Yellow 7065 is a high performance yellow shade orange pigment used in many types of plastic applications where excellent heat stability and resistance properties are required.

Chemical Type/Common Name	Organic/ Benzimidazolone Orange
Colour Index: Generic Name	Pigment Orange 64
Colour Index: Constitution No.	12760
CAS Registry No.	72102-84-2
Chemical Name	2,4,6-(1H, 3H, 5H)-Pyrimidinetrione, 5-[(2,3-dihydro-6-methyl-2-oxo-1H-benzimidazol-5-yl) azo]-

SPECIFICATIONS

Deep Shade (1:3)	Max. Delta E* 2.0 of Standard (DCC TM 4229)
Tint Strength (1:10)	± 5% of Standard (DCC TM 4229)

PHYSICAL PROPERTIES

Specific Gravity	1.50 g/cc (DCC TM 3101B)
Oil Absorption	47 (ASTM D-281-84- Fasig Method)
Moisture	<2.0% max. (ASTM D-280-81)
% Halogen Content	Halogen Free

PROPERTIES

MEK	Very Good	Linseed oil	Excellent
Wax (Paraffin)	Excellent	Mineral Spirits	Very Good
Water	Excellent	Xylene	Very Good
Dilute Acid	Excellent	Dilute Alkali	Poor
Heat Stability: Heat Stable to 300°C (572°F) in H.D.P.E., 5-minute dwell time			
Warp Resistance: 2 (1 = Minimal Warpage, 2 = Some Warpage, 3 = Not Recommended)			
Bleed Resistance in PVC: 5 (5 = Very Good & 1 = Poor)			
Weatherfastness ⁽¹⁾	5	Weatherfastness ⁽¹⁾	
Full Strength		TiO₂ Tint (1:10)	1-2
Light fastness ⁽²⁾	7-8	Light fastness ⁽²⁾	
Full Shade		Tint 1:10 TiO₂	7

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

(2) Assessment was made using the Blue Wool Scale (1 = very poor, 8 = outstanding)

RECOMMENDED APPLICATIONS

Fibres – Polypropylene	○	Injection Molding	●
Film	●	PVC Wire and Cable	●
Blow Molding	●	Engineering Resins	■ (ABS, Polycarbonate)
● Frequently used ■ Limited Use ○ Not Normally Used			

COMPLIANCE

USA: FDA	USA: ASTM-Toys	EU APME: AP(89)1	EU RoHS	Germany: BfR	CONEG	French Positive List
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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)	Unknown

TECHNICAL SERVICE LAB APPROVAL		
QUALITY CONTROL LAB APPROVAL		
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