DCC ORANGE 7065
Clean Yellow Shade Orange Pigment

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.

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

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) Full Strength 5 Weatherfastness (1) TiO2 Tint (1:10) 1-2
Light fastness (2) Full Shade 7-8 Light fastness (2) 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

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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The information provided is based on extensive use and laboratory testing and is believed to be a reliable indication of the results that may be expected. The data is offered only as a guide to performance, without guarantee or warranty of any kind. Since many variables have a strong influence on pigment performance the user is encouraged to evaluate each product in their own laboratory.