

DCC YELLOW 7351

Red Shade Benzimidazolone Yellow Pigment



Working Together for Quality®

SPECIFICATIONS AND PROPERTIES

| DESCRIPTION | |
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| DCC Yellow 7351 is a high performance red 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 very good colourfastness, weatherfastness and gloss retention are required. | |

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|---------------------------------------|---|
| Chemical Type/Common Name | Organic / Benzimidazolone Yellow |
| Colour Index: Generic Name | Pigment Yellow 151 |
| Colour Index: Constitution No. | 13980 |
| CAS Registry No. | 31837-42-0 |
| Chemical Name | 2-[[1-[[[(2,3-Dihydro-2-oxo-1H-benzimidazol-5-yl) amino] carbonyl]-2-oxopropyl]azo]benzoic acid |

| SPECIFICATIONS | |
|--|---|
| Masstone Shade | Max. Delta E* 1.5 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 | 1.51 g/cc (DCC TM 3101B) |
| Oil Absorption | 37.0 (ASTM D-281-84- Fasig Method) |
| Moisture | ≤1.0% max (ASTM D-280-81) |
| % Halogen Content | Halogen Free |

| PROPERTIES | | | |
|--|-----------|---|-----------|
| Ethyl Acetate | Very Good | D.B.P. | Very Good |
| Glycol | Very Good | Ethyl Alcohol | Very Good |
| MEK | Very Good | Linseed oil | Excellent |
| Wax (Paraffin) | Excellent | Mineral Spirits | Excellent |
| Water | Excellent | Xylene | Very Good |
| Dilute Acid | Very Good | Dilute Alkali | Poor |
| Heat Resistance: 120°C/30 minutes – Excellent, 200°C/10 minutes – Excellent | | | |
| Weatherfastness Full Strength (W/O -1000 hrs.) | Excellent | Weatherfastness TiO₂ Tint (W/O - 1000 hrs.) | Excellent |

| RECOMMENDED APPLICATIONS | | | |
|---|---|--|---|
| Agricultural & Construction Equipment | • | Architectural Latex | • |
| Automotive OEM | • | Automotive Refinish & Fleet | • |
| Building Products | • | Oil, Gas & Marine | • |
| • Frequently used ■ Limited Use ○ Not Normally Used | | | |

| WORLDWIDE INVENTORIES REGISTRATION STATUS | | | | | |
|--|------------|---------------------|------------|--------------------|------------|
| Australia (AICS) | Registered | Canada (DSL) | Registered | China | Registered |
| Europe (EINECS) | Registered | Japan | Registered | Philippines | Registered |
| USA (TSCA) | Registered | New Zealand | Registered | South Korea | Registered |

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| TECHNICAL SERVICE LAB APPROVAL | | | |
| QUALITY CONTROL LAB APPROVAL | | | |
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