**DCC YELLOW 7251**  
*Clean Green Shade Benzimidazolone Yellow Pigment*

**SPECIFICATIONS AND PROPERTIES**

**DESCRIPTION**
DCC Yellow 7251 is a high performance green shade yellow pigment for use in high-end coating 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 has good gloss retention, tintorial strength and enhanced outdoor durability.

**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.

**PHYSICAL PROPERTIES**
- **Specific Gravity**: 1.50 (DCC TM 3101B)
- **Oil Absorption**: 33 (ASTM D-281-84 - Fasig Method)
- **Moisture**: ≤1.0% max. (ASTM D-280-81)
- **% Halogen Content**: 0

**PROPERTIES**

<table>
<thead>
<tr>
<th>Properties</th>
<th>Ethyl Acetate</th>
<th>Glycol</th>
<th>MEK</th>
<th>Wax (Paraffin)</th>
<th>Water</th>
<th>Dilute Acid</th>
<th>Heat Resistance: 200°C/10 minutes</th>
<th>Over-paint bleed resistance (120°C/30 minutes)</th>
<th>Weatherfastness *) Full Strength</th>
<th>Weatherfastness *) TiO₂ Tint</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Excellent</td>
<td>Good</td>
<td>Excellent</td>
<td>Excellent</td>
<td>Excellent</td>
<td>Very Good</td>
<td>D.B.P.</td>
<td>Excellent</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>Ethyl Alcohol</td>
<td>Excellent</td>
<td>Made using the ISO Grey Scale R105 A02 (1 = severe change, 5 = no change)</td>
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</tbody>
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**RECOMMENDED APPLICATIONS FOR COATINGS**

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

- Recommended | Limited Use | Not Recommended

**WORLDWIDE INVENTORIES REGISTRATION STATUS**

<table>
<thead>
<tr>
<th>Country (AICS)</th>
<th>Registered</th>
<th>Country (DSL)</th>
<th>Registered</th>
<th>China (IECSC)</th>
<th>Registered</th>
<th>Europe (EINECS)</th>
<th>Registered</th>
<th>Japan (ENCS)</th>
<th>Registered</th>
<th>Philippines (PICCS)</th>
<th>Registered</th>
<th>USA (TSCA)</th>
<th>Registered</th>
<th>New Zealand (NZIoC)</th>
<th>Registered</th>
<th>South Korea (KECI)</th>
<th>Registered</th>
</tr>
</thead>
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**TECHNICAL SERVICE LAB APPROVAL**

**QUALITY CONTROL LAB APPROVAL**

**DATE OF ISSUE**
28th August 2014

*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.*