PIGMENT ORANGE 36
The best coatings are made with the best pigments

DCC ORANGE 7136
DCC ORANGE 7236

DCC ORANGE 7136 – Drop-in Match to HL-70
DCC ORANGE 7236 – Cleaner, Yellower & Stronger
Exceptional Weatherfastness
Pigment Orange 36 - DCC ORANGE 7136  
DCC ORANGE 7236

Chemical Class
Benzimidazolone  
C.A.S. # 12236-62-3

Product Overview
DCC ORANGE 7136 & DCC ORANGE 7236 are high performance red shade orange pigments developed for high grade industrial and automotive refinish coatings. They are frequently used as Molybdate orange replacements. DCC ORANGE 7136 is a drop-in match to HL-70. DCC ORANGE 7236 is a stronger, yellower shade alternative to HL-70.

Key Attributes
Clean colour and high strength  
Excellent heat & chemical resistance  
Excellent rheology - disperses well in polyurethanes, acrylics and alkyds  
Excellent opacity

This product is supported by:
DCC's global presence  
DCC's technical service and support  
Local warehousing capabilities that ensures on-time delivery  
DCC's ability to consistently deliver quality products

Product Characteristics:

Physical Properties
Specific Gravity: 1.57-1.61 g/cc  
Oil Absorption: 37.0 g/100 g  
Moisture: <2.0%

Resistance Properties
Solvent Bleed: Excellent  
Acid Resistance: Excellent  
Alkali Resistance: Excellent  
Soap Resistance: Good

Performance Characteristics:

Comparison vs. Leading Competitor (Tested in 2K Polyurethane)

<table>
<thead>
<tr>
<th>Tested Samples</th>
<th>Masstone</th>
<th>1:10 Tint</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ΔL*</td>
<td>Δa*</td>
</tr>
<tr>
<td>HL-70</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>DCC ORANGE 7136</td>
<td>0.19</td>
<td>-0.17</td>
</tr>
<tr>
<td>DCC ORANGE 7236</td>
<td>0.52</td>
<td>-0.48</td>
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Weatherfastness 2000 Hours

<table>
<thead>
<tr>
<th></th>
<th>Masstone</th>
<th>Rating</th>
<th>Tint</th>
<th>Rating</th>
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</thead>
<tbody>
<tr>
<td>HL-70</td>
<td>ΔE* 1.2</td>
<td>Excellent</td>
<td>ΔE* 2.2</td>
<td>Excellent</td>
</tr>
<tr>
<td>DCC ORANGE 7136+</td>
<td>ΔE* 1.3</td>
<td>Excellent</td>
<td>ΔE* 2.3</td>
<td>Excellent</td>
</tr>
</tbody>
</table>

†Based on pilot production results.

The information in this brochure is based on extensive testing and application experience and is believed to be a reliable indication of the results that may be expected. However, the data does not constitute a specification for the products, and is offered only as a guide to performance without guarantee or warranty of any kind. Because of the difficulties of modern colour reproduction, the shades may vary slightly from the final colour application. Since many variables have a strong influence on pigment performance, the users are encouraged to test each product in their own laboratory prior to use.