DCC RED 7470
Yellow Shade Red Pigment

SPECIFICATIONS AND PROPERTIES

**DESCRIPTION**
DCC Red 7470 is a high performance bright yellow shade red pigment for use in high-end coating applications. It is used where excellent heat stability, very good weatherfastness (full shade only) are required.

<table>
<thead>
<tr>
<th>Chemical Type/Common Name</th>
<th>Organic/ Naphthol Red</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Colour Index: Generic Name</strong></td>
<td>Pigment Red 170</td>
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<tr>
<td><strong>Colour Index: Constitution No.</strong></td>
<td>12475</td>
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<tr>
<td><strong>CAS Registry No.</strong></td>
<td>2786-76-7</td>
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<tr>
<td><strong>Chemical Name</strong></td>
<td>2-Naphthalenecarboxamide, 4- [ [4-aminocarbonyl] phenyl] azo]-N- (2-ethoxy phenyl) -3-hydroxy-</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**
Max. Delta E* 2.0 of Standard (DCC TM 1235A)
± 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 1.36 g/cc (DCC TM 3101B)
Oil Absorption 46 (ASTM D-281-84- Fasig Method)
Moisture <2.0% max. (ASTM D-280-81)

**PROPERTIES**
MEK Very Good Linseed oil Excellent
Wax (Paraffin) Excellent Mineral Spirits Excellent
Water Excellent Xylene Very Good
Dilute Acid Excellent Dilute Alkali Excellent

**Heat Resistance:** 200°C/10 minutes – Excellent

**Over-paint bleed resistance:** (120°C/30 minutes) - Excellent

**Weather fastness**) Full Shade -1-year (Florida) 4 Weather fastness**) Tint 1:10 TiO2 1-year (Florida) 2

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

**RECOMMENDED APPLICATIONS FOR COATINGS**
Architectural Water & Universal ■ Coil Coatings ○
Architectural Solvent ■ Automotive Coatings ■
Industrial Fast Air Drying ■ Powder Coatings ●
Industrial Oven Cured ●

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**TECHNICAL SERVICE LAB APPROVAL**

**QUALITY CONTROL LAB APPROVAL**

**DATE OF ISSUE** 3rd June 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.