DCC RED 6005
Bon Maroon

SPECIFICATIONS AND PROPERTIES

Chemical Type ------------------ 2-Naphthalenecarboxylic acid, 4-[(4-chloro-5-methyl-2-sulfophenyl)azo]-3-hydroxy-, Manganese salt (1:1)

Colour Index Name ----------------- Pigment Red 52:2
CAS No. ------------------------- 12238-31-2
Physical Form --------------------- Powder

**SPECIFICATIONS:**

<table>
<thead>
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<th>LIMITS</th>
<th>TEST METHODS</th>
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<tbody>
<tr>
<td>Masstone Shade</td>
<td>Max. Delta E* 2.0 of Std. -</td>
<td>DCC TM 1103 (1)</td>
</tr>
<tr>
<td>Tint Strength (apparent)</td>
<td>± 5% of Std.</td>
<td>DCC TM 1203 (1)</td>
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**GENERAL DATA (TYPICAL VALUES):**

- Specific Gravity: 1.67 g/cc
- Oil Absorption: 43
- Moisture: <5.0%

(1) Test Methods available from DCC on request.

**PROPERTIES:**

- **BLEED RESISTANCE**
  - Ethyl Acetate: Very Good
  - Ethyl Alcohol: Poor
  - Cellosolve: Poor
  - D.B.P.: Very Good
  - Glycol: Poor
  - Linseed Oil: Very Good
  - MEK: Very Good
  - Mineral Spirits: Excellent
  - Xylene: Very Good
  - Wax (Paraffin): Excellent
  - Water (cold): Excellent

- **HEAT RESISTANCE**
  - 120°C/45 mins.: Paint - V. Good
  - 150°C/20 mins.: Paint - Good
  - 165°C/15 mins.: Paint - Good

- **CHEMICAL RESISTANCE**
  - Dilute Acid: Fair
  - Dilute Alkali: Poor
  - Soap - TM 3207: Poor
  - Water (cold): Excellent

- **LIGHTFASTNESS - INK (72 hr. F/O)**
  - Full Strength: N/A
  - TiO₂ Tint (1:10): N/A
  - F/O = Fade-o-meter

- **WEATHERFASTNESS - PAINT (W/O or Florida)**
  - Full Strength: Fair
  - TiO₂ Tint (1:10): Poor
  - W/O = Weather-o-meter

**SPECIAL COMMENTS:**

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.

**TECHNICAL SERVICE LAB APPROVAL:** ______________________________
**QUALITY CONTROL LAB APPROVAL:** ______________________________
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