

DCC RED 6005

Bon Maroon



Working Together for Quality®

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:

	<u>LIMITS</u>	<u>TEST METHODS</u>
Masstone Shade -----	Max. Delta E* 2.0 of Std. -	DCC TM 1103 (1)
Tint Strength (apparent) --	± 5% of Std. -----	DCC TM 1203 (1)

GENERAL DATA (TYPICAL VALUES):

Specific Gravity ----- 1.67 g/cc ----- DCC TM 3101B (1)
Oil Absorption ----- 43 ----- ASTM D-281-84 (Fasig Method)
Moisture ----- <5.0% ----- ASTM D-280-81 Method A

(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

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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