

DCC RED 2782

Barium 2B Red



Working Together for Quality®

SPECIFICATIONS AND PROPERTIES

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

Colour Index Name ----- Pigment Red 48:1

CAS No. ----- 7585-41-3

Physical Form ----- Powder

<u>SPECIFICATIONS:</u>	<u>LIMITS</u>	<u>TEST METHODS</u>
Masstone Shade -----	Max. Delta E* 2.0 of Std. -	DCC TM 4229 (1)
Tint Strength (apparent) --	+ 5% of Std. -----	DCC TM 4229 (1)

GENERAL DATA (TYPICAL VALUES):

Specific Gravity ----- 1.64 g/cc ----- DCC TM 3101B (1)

Oil Absorption ----- 45 ----- ASTM D-281-84 (Fasig Method)

Moisture ----- <2.0% ----- ASTM D-280-81

(1) Test Methods available from DCC on request.

PROPERTIES:

BLEED RESISTANCE

Ethyl Acetate --- Excellent

Ethyl Alcohol --- Excellent

Butyl Alcohol --- Excellent

Cellosolve ----- Good

D.B.P. ----- Very Good

Glycol ----- Fair

Lard ----- Excellent

Linseed Oil ----- Excellent

MEK ----- Very Good

Mineral Spirits - Excellent

Water (cold) ---- Excellent

Wax (Paraffin) -- Excellent

Xylene ----- Very Good

CHEMICAL RESISTANCE

Dilute Acid ----- Fair

Dilute Alkali ----- Excellent

Detergent ----- Fair

Soap ----- Fair

HEAT RESISTANCE

120C/30 minutes -- Ink - Excellent

HEAT STABILITY (H.D.P.E.)

Heat stable to 280°C (536°F),
5-minute dwell time, 1% pigment.

LITHOGRAPHIC PERFORMANCE

Aqueous ----- Excellent

Alcoholic ----- Excellent

LIGHTFASTNESS - INK (72 hr. F/O)

Full Strength --- Fair/Good

TiO₂ Tint (1:10) - Fair/Poor

F/O = Fade-o-meter

W/O = Weather-o-meter

WEATHERFASTNESS - PAINT (W/O or Florida)

Full Strength ----- Fair

TiO₂ Tint (1:10) ----- Poor

SPECIAL COMMENTS: Barium 2B Red with upgraded dispersibility for plastics.

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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