

DCC RED 2870

Naphthol Red



Working Together for Quality®

SPECIFICATIONS AND PROPERTIES

Chemical Type ----- 2-Naphthalenecarboxamide, 4-[[4-aminocarbonyl)phenyl]azo]-N-(2-ethoxy phenyl)-3-hydroxy-

Colour Index Name ----- Pigment Red 170

CAS No. ----- 2786-76-7

Physical Form ----- Powder

<u>SPECIFICATIONS:</u>	<u>LIMITS</u>	<u>TEST METHODS</u>
Masstone Shade -----	Max. Delta E* 2.0 of Std. -	DCC TM 1224 (1)
Tint Strength (apparent) --	+ 5% of Std. -----	DCC TM 1224 (1)

GENERAL DATA (TYPICAL VALUES):

Specific Gravity ----- 1.30 g/cc ----- DCC TM 3101B (1)

Oil Absorption ----- 42 ----- ASTM D-281-84 (Fasig Method)

Moisture ----- <2% ----- ASTM D-280-75

(1) Test Methods available from DCC on request.

PROPERTIES:

BLEED RESISTANCE

Ethyl Acetate --- Fair

Ethyl Alcohol --- Good

Cellosolve ----- Poor

D.B.P. ----- Fair

Glycol ----- Good

Linseed Oil ----- Very Good

MEK ----- Fair

Mineral Spirits - Very Good

Water (cold) ---- Excellent

Wax (Paraffin) -- Excellent

Xylene ----- Good

CHEMICAL RESISTANCE

Dilute Acid ----- Very Good

Dilute Alkali ----- Excellent

Soap ----- Excellent

HEAT RESISTANCE

120°C/45 minutes - Paint - Excellent

150°C/20 minutes - Paint - Excellent

165°C/15 minutes - Paint - Excellent

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

Heat stable to 260°C+ (500°F+),
5-minute dwell time, 1% pigment.

LIGHTFASTNESS - INK (72 hr. F/O)

Full Strength --- Good

TiO₂ Tint (1:10) - Fair

F/O = Fade-o-meter
W/O = Weather-o-meter

LITHOGRAPHIC PERFORMANCE

Aqueous ----- N/A

Alcoholic ----- N/A

WEATHERFASTNESS - PAINT (W/O or Florida)

Full Strength ----- Fair/Good

TiO₂ Tint (1:10) ----- Poor

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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