

# DCC RED 2747S

Calcium 2B Red



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## SPECIFICATIONS AND PROPERTIES

Chemical Type ----- 2-Naphthalenecarboxylic Acid 4-  
[(5-chloro-4-methyl-2-sulfophenyl)azo]  
-3-hydroxy-, Calcium salt (1:1)  
Colour Index Name ----- Pigment Red 48:2  
CAS No. ----- 7023-61-2  
Physical Form ----- Powder

### SPECIFICATIONS:

#### LIMITS

#### TEST METHODS

Print-tone Shade ----- Max. Delta E\* 2.0 of Std. - DCC TM 2327A (1)  
Tint Strength (apparent) -- ± 5% of Std. ----- DCC TM 2327A (1)

### GENERAL DATA (TYPICAL VALUES):

Specific Gravity ----- 1.63 ----- DCC TM 3101B (1)  
Oil Absorption ----- 65 ----- 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 --- Good  
Cellosolve ----- Good  
D.B.P. ----- Excellent  
Glycol ----- Poor  
Linseed Oil ----- Excellent  
MEK ----- Excellent  
Mineral Spirits - Excellent  
Water (cold) ---- Excellent  
Wax (Paraffin) -- Excellent  
Xylene ----- Very Good

#### CHEMICAL RESISTANCE

Dilute Acid ----- Good  
Dilute Alkali ----- Very Good  
Soap ----- Fair

#### HEAT RESISTANCE

120°C/30 minutes - Ink -- Excellent

#### LITHOGRAPHIC PERFORMANCE

Aqueous ----- Very Good  
Alcoholic ----- Good

#### LIGHTFASTNESS - INK (72 hr. F/O)

Full Strength --- Fair  
TiO<sub>2</sub> Tint (1:10) - Very Good

#### WEATHERFASTNESS - PAINT (W/O or Florida)

Full Strength ----- N/A  
TiO<sub>2</sub> Tint (1:10) --- N/A

F/O = Fade-o-meter

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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