

# DCC RED 2254

Toluidine Red



Working Together for Quality®

## SPECIFICATIONS AND PROPERTIES

Chemical Type ----- 2-Naphthalenol,1-[(4 methyl-2-nitrophenyl)azo]-  
Colour Index Name ----- Pigment Red 3  
CAS No. ----- 2425-85-6  
Physical Form ----- Powder

### SPECIFICATIONS:

### LIMITS

### TEST METHODS

Masstone Shade - Max. Delta E\* 1.0 of Std. - DCC TM 1104 (1)

### GENERAL DATA (TYPICAL VALUES):

Specific Gravity ----- 1.28 g/cc ----- DCC TM 3101B (1)  
Oil Absorption ----- 25 ----- 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 --- Poor  
Ethyl Alcohol --- Fair  
Butyl Alcohol --- Poor  
Cellosolve ----- Poor  
D.B.P. ----- Poor  
Glycol ----- Poor  
Lard ----- Good  
Linseed Oil ----- Good  
MEK ----- Poor  
Mineral Spirits - Fair  
Water (cold) ---- Excellent  
Wax (Paraffin) -- Excellent  
Xylene ----- Poor

#### CHEMICAL RESISTANCE

Dilute Acid ----- Excellent  
Dilute Alkali ----- Very Good  
Detergent ----- --  
Soap ----- Poor

#### HEAT RESISTANCE

120°C/45 minutes -- Good\*

#### LITHOGRAPHIC PERFORMANCE

Aqueous ----- N/A  
Alcoholic ----- N/A

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

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

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

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

F/O = Fade-o-meter

W/O = Weather-o-meter

**SPECIAL COMMENTS:** \* Exhibits blooming or bronzing. Not recommended for baking systems.

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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