

DCC RED 2222

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 ----- 1.39 g/cc ----- DCC TM 3101B (1)
Oil Absorption ----- 41 ----- 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 ----- Fair

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
TiO₂ Tint (1:10) - N/A

WEATHERFASTNESS - PAINT (W/O or Florida)

Full Strength ----- Very Good
TiO₂ 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. Easier-dispersing in alkyd coatings.

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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