

# DCC ORANGE 1623

Molybdate Orange



Working Together for Quality®

## SPECIFICATIONS AND PROPERTIES

Chemical Type ----- Co-precipitate of lead chromate,  
lead sulphate and lead molybdate.  
Colour Index Name ----- Pigment Red 104  
CAS No. ----- 12656-85-8  
Physical Form ----- Powder

### SPECIFICATIONS:

	<u>LIMITS</u>	<u>TEST METHODS</u>
Masstone Shade -----	Max. Delta E* 1.0 of Std. -	DCC TM 4129 (1)
Tint Strength (apparent) --	+ 5% of Std. -----	DCC TM 4129 (1)

### GENERAL DATA (TYPICAL VALUES):

Specific Gravity ----- 5.50 ----- DCC TM 3101B (1)  
Oil Absorption ----- 15 ----- Fasig Method  
Moisture ----- <1.0% ----- 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 ----- Excellent  
D.B.P. ----- Excellent  
Glycol ----- Excellent  
Lard ----- Excellent  
Linseed Oil ----- Excellent  
MEK ----- Excellent  
Mineral Spirits - Excellent  
Water (cold) ---- Excellent  
Wax (Paraffin) -- Excellent  
Xylene ----- Excellent

#### CHEMICAL RESISTANCE

Dilute Acid ----- Fair  
Dilute Alkali ----- Poor  
Detergent ----- Poor  
Soap ----- Good

#### HEAT RESISTANCE

120°C/45 minutes -- Excellent

#### LIGHTFASTNESS

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

#### LITHOGRAPHIC PERFORMANCE

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

### 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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