

# DCC KROLOR ORANGE KO 889

Molybdate Orange



Working Together for Quality®

## SPECIFICATIONS AND PROPERTIES

Chemical Type ----- Co-precipitate of lead chromate, lead molybdate and lead sulphate  
 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* 1.6 -----	TM 1207 TSA Paint (1)
Tint Shade -----	Max. Delta E* 1.2 -----	TM 1207 TSA Paint (1)
Tint Strength (apparent) --	+ 5% of Std. -----	TM 1207 TSA Paint (1)

(1) Test Method available from DCC on request.

### GENERAL DATA (TYPICAL VALUES):

Colouristic --	<u>MASSTONE RANGE</u>		<u>TINT RANGE</u>		
	Lower	Upper	Lower	Upper	
Delta L*	-0.5	0.5	Delta L*	-0.5	0.5
Delta a*	-0.9	0.9	Delta a*	-0.8	0.8
Delta b*	-1.1	1.1	Delta b*	-0.8	0.8
Specific Gravity -----	4.06				
Oil Absorption -----	21		-----	TM 3104	ASTM D281-84
Moisture -----	≤1.5%				

### PROPERTIES:

#### BLEED RESISTANCE

Ethyl Alcohol ----- Excellent  
 Lacquer Solvents ----- Excellent  
 Mineral Spirits ----- Excellent  
 Water (cold) ----- Excellent  
 Xylene ----- Excellent

#### CHEMICAL RESISTANCE

Dilute Acid ----- Good  
 Dilute Alkali ----- Good

#### LIGHTFASTNESS

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

SPECIAL COMMENTS: Silica Encapsulated - Yellow Shade

Colour - CIELAB, 10 degree observer, D6500, UV & gloss included.

TECHNICAL SERVICE LAB

APPROVAL: \_\_\_\_\_

QUALITY CONTROL LAB

APPROVAL: \_\_\_\_\_

DATE OF ISSUE: 19<sup>th</sup> April 2011

PAGE 1 OF 1

Ver. # 1.0