

DCC KROLOR ORANGE KO 786

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 4129 PVC Plastisol (1)
Tint Shade -----	Max. Delta E* 1.2 -----	TM 4129 PVC Plastisol (1)
Tint Strength (apparent) --	+ 5% of Std. -----	TM 4122 PVC Plastisol (1)

(1) Test Method available from DCC on request.

GENERAL DATA (TYPICAL VALUES):

Colouristic --	<u>MASSTONE RANGE</u>		<u>TINT RANGE</u>		
	<u>Lower</u>	<u>Upper</u>	<u>Lower</u>	<u>Upper</u>	
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 -----	4.22				
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
TiO₂ Tint (1:10) ----- Good

SPECIAL COMMENTS: Silica Encapsulated - Red Shade

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

TECHNICAL SERVICE LAB

APPROVAL: _____

QUALITY CONTROL LAB

APPROVAL: _____

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