



Technical Data Sheet

SC 4300 SCARLET MOLYBDATE (PAINT APPLICATIONS)

PRODUCTION INFORMATION

Scarlet Chrome SC 4300 is a pre-darkened Molybdate Orange pigment having bluish mass tone . This is a highly stabilized chrome pigment having clean mass tone and especially designed for Paints & Coatings segment

PRODUCT INFORMATION

Chemical Type	Molybdate Chrome
C.I.Name	Pigment Red 104
C.I. No	77605
CAS NO	12656-85-8
EINECS /ELINCS No	235-759-9
PHYSICAL FORM	Free Flowing Powder

APPLICATION PROFILE

Water borne Paints	
Air Drying Alkyds	Recommended
Aqueous Pigment Emulsion	Recommended
Stoving Enamels	Recommended
Powder Coating	
Industrial Coating	Recommended
Coil Coating	

COLOURESTICES / FASTNESS PROPERTIES

TECHNICAL DATA

FULL TONE (0.2 %)		Reduction Tone (1 : 10)	
L	52.80	L	67.99
C	71.28	C	46.71
H	39.89	H	31.49
a	54.91	a	39.85
b	45.75	b	24.99
Light Fastness	6-7	Light Fastness	5-6
Weather Fastness	4-5	Weather Fastness	3-4

PHYSICAL DATA

Oil Absorption	gm/100gm	15.0-20.0
Bulk Density	Kg/Lt	1.10-1.30
Specific Gravity	Gm/cm ³	5.00-6.00
pH	Number	6.00-8.00

RESISTANCE TO HEAT

120°C / 30 Min.	150°C / 20 Min.	180°C / 10 Min.	210°C / 10 Min.	-
SB	SB	SB	USB	-

RESISTANCE TO ACID and ALKALI

ACID	ALKALI
Fair	Poor

BLEEDING PROPERTIES (1-5 Scale , Where 5 : No Bleed & 1 : Considerable bleed)

Linseed Oil	Ethanol	Ethyl Acetate	Xylene	n-Butanol	M.E.K.	M.T.O.	Cellosolve	D.O.P.	Acetone
5	5	5	5	5	5	5	5	5	5

STANDARD PACKAGING

25 Kg Plastic Bag	1500 Kg Material kept in 42''x42'' inch wooden pallet
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DISCLAIMER: The colour panels and other information provided in the shade card is given in good faith and is to be used as a guide only. Verification under actual conditions are recommended before use.