



Technical Data Sheet

SC 4400 SCARLET MOLYBDATE (PLASTIC APPLICATIONS)

PRODUCTION INFORMATION

Scarlet Molybdate Orange Pigment, popularly known as Scarlet Chrome. This grade is yellowish and pre-darkened shade. It is highly stabilized and offers excellent resistance to light and weather. Useful where processing temperature is not more than 220°C.

PRODUCT INFORMATION



Chemical Type	Molybdenum Orange
C.I. Name	P. R. 104
C.I. No	77605
CAS NO	12656-85-8
EINECS /ELINCS No	235-759-9
PHYSICAL FORM	Free Flowing Powder

APPLICATION PROFILE

Polyolefin's	Recommended
Engineering Plastics	Recommended
PVC	Recommended
Spun Fibre –PP	Recommended
Spun Fibre –Nylon	-
Spun Fibre –PET	-

COLOUR ESTIMATES PROPERTIES

TECHNICAL DATA

FULL TONE (0.2 %)		Reduction Tone (1 : 10)		TECHNICAL PERFORMANCE		
				FPV : < 1.0	Heat Stability : 220°C	PVC Migration: 4 -5
				Weather Fastness	Full Tone : 4-5 Reduction Tone : 3-4	Resistance to Acid : 3
				Light Fastness	Full Tone : 4-5 Reduction Tone : 4-5	Resistance to Alkali : 3
L	50.30	L	69.95	PHYSICAL PROPERTIES		
C	64.98	C	42.67	Oil Absorption (Gm /100 gm)	Bulk Density (Kg / Lt)	Specific Gravity (Gm/cm ³)
H	40.93	H	35.20	15.0-20.0	1.10-1.30	5.0-6.0
a	49.09	a	34.86			
b	42.57	b	24.59			

STANDARD PACKAGING

25 Kg Plastic Bag	42"x42" inch Wooden pallet contains 1500 Kg Material.
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LEGENDS:

1. LIGHT FASTNESS: On 1 to 8 blue wool Scale, where 1 denotes POOR & 8 denotes EXCELLENT.
2. WEATHER FASTNESS: On 1 to 5 Grey Scale, where 1 denotes POOR & 5 denotes EXCELLENT.
3. Resistance to Acid & Alkali: On 1 to 5 Scale, where 1 denotes Considerable bleed & 5 denotes No bleed.

DISCLAIMER :

The colour panels and other information provided in the shade card are given in good faith and are to be used as a guide only. Verification under actual conditions are recommended before use