



Technical Data Sheet

SC 4100 SCARLET MOLYBDATE (PLASTIC APPLICATIONS)

PRODUCTION INFORMATION

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

PRODUCT INFORMATION

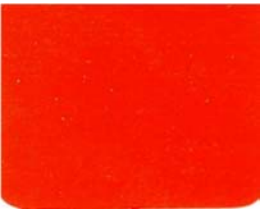

Chemical Type	Molybdenum Orange
C.I.Name	P. R. 104
C.I. No	77605
CAS NO	12656-85-8
EINECS /ELINCS No	235-759-9
PHYSICAL FORM	Free Flowing Powder

APPLICATION PROFILE

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

COLOURESTICES 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	50.58	L	69.86	PHYSICAL PROPERTIES		
C	64.30	C	42.61	Oil Absorption	Bulk Density	Specific Gravity
H	41.40	H	36.79	(Gm /100 gm)	(Kg / Lt)	(Gm/cm ³)
a	48.23	a	34.13	15.0-20.0	1.10-1.30	5.0-6.0
b	42.53	b	25.52			

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. WHEATHER 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