



## TECHNICAL DATA SHEET

### MANALI SCARLET S-211

#### Product Description

S-211 is a Molybdate Orange pigment of our popular 21 series and is also popularly known as Scarlet Chrome. This product has yellower tone. It is highly stabilized and offers very good resistance to light and weather.

#### Product Information

<b>Chemical Type</b>	Chrome Molybdate	<b>CAS No.</b>	12656-85-8
<b>C.I. Name</b>	Pigment Red 104	<b>EINECS / ELINCS No.</b>	235-759-9
<b>C. I. Constitution No.</b>	77605	<b>Physical Appearance</b>	Yellowish Red Powder

#### Application Profile

<b>Paints</b>	*	<b>Rubber</b>	--
<b>Printing Inks</b>	*	<b>Leather Pastes</b>	*
<b>Plastics</b>	*	<b>Linoleum</b>	*
<b>PVC Leather Cloth</b>	*	<b>Paper Coating</b>	--
<b>Chalk/Crayons</b>	--	<b>Engineering Plastics</b>	--

\* RECOMMENDED -- NOT RECOMMENDED

#### Technical Performance

Heat Stability	200 <sup>0</sup> C – 220 <sup>0</sup> C (10 minutes)		Full Tone	Tint Tone (1:10)
		Weather Fastness (1 – 5)	3 – 4	3
		Light Fastness (1 – 8)	5 – 6	5 – 6

LIGHT FASTNESS [1 – POOR 8 – EXCELLENT]

WEATHER FASTNESS [1 – POOR 5 – EXCELLENT]

#### Physical Properties

Oil Absorption (gm /100 gm)	14 +- 10%	Resistance to Acid (1 – 5)	3
Specific Gravity	6.3 +- 0.1	Resistance to Alkali (1 – 5)	4
Bulk Density (g/ml)	1.15 +- 0.1	Resistance to SO <sub>2</sub> (1 – 5)	2
Volatile Matter	1% Max.	pH Value	6 – 8

1 – POOR 5 – EXCELLENT