



SONA SYNTHETICS PRODUCTS

(An ISO 9001:2015 Certified Company)

TECHNICAL DATA SHEET SONA SCARLETCROME - 7022

Ver 1.0.0

Product Description

Product Name	Scarlet Chrome
CI Name	Pigment Red 104
CAS Number	12656-85-8/7758-97-6
Pigment Description	Co-Precipitated Lead Chromate Lead Molybdate And Lead Sulphate
Substance Name	Lead Chromate Molybdate Sulphate Red

Product Code	SC/S-7022
CI Number	77605
EINECS Number	235-759-9
Structural Formula	PbCrO4. PbSO4. PbMoO4.

Physical Properties

Physical Status	Solid red Powder Form
Specific Gravity	5.5 - 6.0
Bulk Density(gm/cm ³)	1.0 - 1.2
Oil Absorption (g/100g)	20-25 (±5 gm)
pH Value	6.5-7.0
Moisture Content	1.0 % (Max)
Residue On Sieve (45µm)	0.5 % (Max)
Conductivity	500 µSm
Water Solubility	1 % Max
Opacity	Opaque/Semi-Opaque

Fastness Properties

Heat Stability (5 Min)	180C ⁰
Water (1-5)	5
Acid (1-5)	2
Alkali (1-5)	3
Solvent Ethyl Alcohol (1-5)	5
Solvent Mineral Turpentine (1-5)	5
Solvent Xylene (1-5)	5
Solvent Butyl Acetate (1-5)	5
Wether Fastness Mass Tone (1-5)	2
Light Fastness Mass Tone (1-8)	6

Product Tone Shade Detail

	Mass Tone
	Tint Tone

Application Uses

Off Set Ink Base	Suitable
Gruvure Ink Base	Suitable
Flexo Ink	Suitable
Industrial Paint	Suitable
Automotive Paint	Suitable
Plastic Masterbatch	Not Suitable

Coloristic properties

Coloristic properties - Tint	Strength : ± 5 %
	Da,Db,dE,DC,DH,DL : ± 1

The colors above have been generated electronically and should therefore not be used for comparison purposes. The colors are meant to give a first impression of the colorant shade. The information contained herein is based on our state of knowledge. Our technical advice (whether verbal, in writing solely given to or by way of trials) is the product indicated and constitutes no guarantee of particular quality. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended