



SONA SYNTHETICS PRODUCTS

(An ISO 9001:2015 Certified Company)

TECHNICAL DATA SHEET SONA LEMON CHROME - 5083

Ver 1.0.0

Product Description

Product Name	LEMON Chrome Yellow
CI Name	Pigment Yellow 34
CAS Number	1344-37-2
Pigment Description	Co-Precipitated Lead Chromate & Lead Sulphate
Substance Name	Lead Sulfochromate Yellow

Product Code	SC/L-5083
CI Number	77600 / 77603
EINECS Number	215-693-7
Structural Formula	$PbCrO_4 + PbSO_4$

Physical Properties

Physical Status	Solid Yellow Powder Form
Specific Gravity	5.5 - 5.5
Bulk Density(gm/cm ³)	0.8 - 1.0
Oil Absorption (g/100g)	25-30 (±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)	240-260C ⁰
Water (1-5)	5
Acid (1-5)	3
Alkali (1-5)	4
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)	4
Light Fastness Mass Tone (1-8)	7

Product Tone Shade Detail

	Mass Tone
	Tint Tone

Application Uses

Alkyd /Stoving Paint	Suitable
Powder Coation	Suitable
Coil Coating	Suitable
Industrial Paint	Suitable
Automotive Paint	Suitable
Plastic Masterbatch	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

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