



# SONA SYNTHETICS PRODUCTS

(An ISO 9001:2015 Certified Company)

## TECHNICAL DATA SHEET SONA BARIUM CHROMATE - 2040

Ver 1.0.0

### Product Description

Product Name	Barium Chromate Yellow
CI Name	Pigment Yellow 31
CAS Number	10294-40-3
Pigment Description	Precipitated of Barium chromate
Substance Name	Barium Chromate

Product Code	SC/BC-2040
CI Number	77103
EINECS Number	233-660-5
Structural Formula	BaCrO <sub>4</sub>

### Physical Properties

Physical Status	Solid Yellow Powder Form
Dispersion on H.G	6.5-7.0
Barium Oxide Content As Ba	57 % Min
Cromate Content as Cro <sub>3</sub>	37 % Min
Specific Gravity	4.0 - 4.5
Bulk Density(gm/cm <sup>3</sup> )	0.8 - 1.0
Oil Absorption (g/100 g)	20 - 25
pH Value	6.5 - 7.0
Moisture Content	1 % Max
Residue On Sieve(45µm)	1 % Max
Conductivity	500 µSm

Water Soluble Cl	0.1% (Min)
Water Soluble (SO <sub>4</sub> )	0.1%(Min)
Opacity	Opaque/Semi-Opaque

### Product Tone Shade Detail

	Mass Tone
	Tint Tone

### Application Uses

Application Uses	
Anti-corrosive Primers	Suitable
Epoxy Primers	Suitable
Marine Coating	Suitable
Unicoat coating	Suitable
Eatch Primers	Suitable
coil coating	Suitable

### Coloristic properties

Coloristic properties	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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