



SONA SYNTHETICS PRODUCTS

(An ISO 9001:2015 Certified Company)

TECHNICAL DATA SHEET

SONA ZINC CHROME - 2010

Ver 1.0.0

Product Description

Product Name	Zinc Chromate
CI Name	Pigment yellow 36
CAS Number	11103-86-9
Pigment Description	Co-Precipitated of Zinc chromate, potassium chromate and zinc
Substance Name	Zinc Chromate

Product Code	SC/ZC-2010
CI Number	77955
EINECS Number	234-329-8
Structural Formula	3ZnCrO4. K2CrO4.Zn (OH) 2.2H2O

Physical Properties & Chemical properties

Physical Status	Solid Yellow Powder Form
Dispersion on H. G.	6.5 to 7.00
Specific Gravity (gm/cm ³)	3.5 - 4.0
Bulk Density	0.6 - 0.9
Oil Absorption (g/100 g)	20-25 (±5 gm)
pH Value	6.5-8.0
Moisture Content	1.0 % (Max)
Residue On Sieve (45µm)	0.5 % (Max)
Conductivity	1500 µSm (Max)
Water Soluble Sulphate(SO4)	0.1 % Max
Water Soluble Chlorides(Cl)	0.1 % Max

Chromate content as CrO3	43% Min
Zinc Oxide content as ZnO	36.5-40%
Alkali metal content(K2O)%	10-12%
Insoluble in ammonical Ammonium chloride	0.5% Max

Product Tone Shade Detail

	Mass Tone
	Tint Tone

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 - 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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