



# SONA SYNTHETICS PRODUCTS

(An ISO 9001:2015 Certified Company)

## TECHNICAL DATA SHEET SONA ZINC PHOSPHATE - 2030

Ver 1.0.0

### Product Description

Product Name	Zinc Phosphate White
CI Name	Pigment White 32
CAS Number	7779-90-0
Pigment Description	Precipitated of Zinc phosphate
Substance Name	Zinc phosphate

Product Code	SC/ZP-2030
CI Number	77964
EINECS Number	231-944-3
Structural Formula	Zn <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> .2H <sub>2</sub> O

### Physical Properties & chemical Properties

Physical Status	Solid White Powder Form
Dispersion on H. G.	6.5 to 7.00
Specific Gravity	3.5-4.0
Bulk Density(gm/cm <sup>3</sup> )	0.6-0.9
Oil Absorption (g/100 g)	20-25 ( ±5 gm)
pH of 10% aq Suspension	6.0-8.0
Moisture Content	1.0 % (Max)
Residue On Sieve (45µm)	0.5 % (Max)
Conductivity	500 µSm
Water Soluble sulphate(SO <sub>4</sub> )	0.1 % Max
Water Soluble Chloride(Cl)	0.1%(Max)

Zinc content(Zn)on ignited basis	50.5-52.0%
Phosphate content(Ignite basis)(PO <sub>4</sub> )%	47.5-50.0%
Loss of Ignition%	8.5-10.0%
solubilityin 10% Acetic acid soln.at80 C0	Clear Soln.
Opacity	Opaque/Semi-Opaque

### 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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