

SONA SYNTHETICS PRODUCTS

(An ISO 9001:2015 Certified Company)

TECHNICAL DATA SHEET SONA ZINC TETROXYCHROMATE - 2020

Ver 1.0.0

0.1% .Max

0.1%.Max

Product Description

| Product Name | Zinc tetroxy chromate | |
|---------------------|---|--|
| CI Name | Pigment yellow 36.1 | |
| CAS Number | 49663-84-5 | |
| Pigment Description | Co-Precipited of Zinc chromate, and zinc hydroxide | |
| Substance Name | Zinc tetroxy chromate | |

| Product Code | Juct Code SC/ZTC-2020 | |
|-------------------|-----------------------|--|
| Cl Number | 77956 | |
| EINECS Number | 256-418-0 | |
| Stuctural Formula | ZnCrO4.4Zn (OH) 2 | |

| Physical Properties & Cl | nemical properties | |
|--|--------------------------|-------------------------------|
| Physical Status | Solid Yellow Powder Form | Water soluble chloride as Cl |
| Dispersion on H. G. | 6.5 to 7.00 | Water soluble Sulphate as So4 |
| Specific Gravity (gm/cm ³) | 3.5 - 4.0 | |
| Bulk Density | 0.5 - 0.7 | |
| Oil Obserption (g/100 g) | 30-35 (±5 gm) | |
| pH Of 10% aqueous solution | 6.0-8.0 | |
| Moisture Content | 1.0 % (Max) | |
| Residue On Sieve (45µm) | 0.5 % (Max) | |
| Conductivity | 1500 μSm (Max) | |
| Chromium oxide content(CrO | 17%(Min) | |
| Zinc Oxide content(ZnO)% | 68.5%(Min) | |

| Product Tone Shade Deta | ail | Apllication Uses | |
|-------------------------|--------------|------------------------------|------------------------|
| | Mass Tone | Anti-corrosive Primers | Suitable |
| Mass Tone | | Epoxy Primers | Suitable |
| | | Marine Coating | Suitable |
| | | Unicoat coating | Suitable |
| | | Eatch Primers | Suitable |
| | coil coating | Suitable | |
| | | | |
| | Tint Tone | 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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