



SONA SYNTHETICS PRODUCTS

(An ISO 9001:2015 Certified Company)

TECHNICAL DATA SHEET SONA PRIMEROSE CHROME - 4095

Ver 1.0.0

Product Description

| | |
|---------------------|--|
| Product Name | Primerose Chrome Yellow |
| CI Name | Pigment Yellow 34 |
| CAS Number | 1344-37-2/7758-97-6 |
| Pigment Description | Co-Precipitated Lead Chromate and Lead Sulphate and Lead carbonate |
| Substance Name | Lead SulphoChromate yellow |

| | |
|--------------------|---------------------|
| Product Code | SC/P-4095 |
| CI Number | 77603 |
| EINECS Number | 215-693-7 |
| Structural Formula | PbCrO4. PbSO4.PbCO3 |

Physical Properties

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|--|--------------------------|
| Physical Status | Solid Yellow Powder Form |
| Specific Gravity (gm/cm ³) | 5.0 - 5.5 |
| Bulk Density(gm/cm ³) | 0.9 - 1.1 |
| Oil Absorption (g/100 _g) | 20-25 (±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) | 220C ⁰ |
| Water (1-5) | 5 |
| Acid (1-5) | 3 |
| Alkali (1-5) | 2 |
| 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) | 2 |
| Light Fastness Mass Tone (1-8) | 6 |

Product Tone Shade Detail

| | |
|--|-----------|
| | Mass Tone |
| | Tint Tone |

Application Uses

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|--------------------------------|----------|
| Alkyd /Stoving Paint Base | Suitable |
| Powder Coation Base | Suitable |
| Coil Coating Base | Suitable |
| PVC Base Masterbatch | Suitable |
| PP/HDPE/LDPE Base Masterbatch | Suitable |
| Other Plastic Application Base | 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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