



Product Description

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| Colour Index Name | Pigment Red 104 |
| Colour Index No. | 77605 |
| CAS number | 12656-85-8 |
| Chemical name | Lead (Sulfo) Molybdated Chromate / Scarlet Chrome |

Structural Formula



Physical Properties

| Parameter | Values | Method |
|----------------------------|----------------------|------------|
| Specific gravity | 6 gm/cm ³ | IS 33 1992 |
| Oil absorption | 20 g/100g (±5 gm) | IS 33 1992 |
| pH of aqueous extract | 6 - 8 | IS 33 1992 |
| Moisture content | Max. 1.0 % | IS 33 1992 |
| Residue on sieve (45 µm) | Max. 0.5% | IS 33 1992 |
| Water soluble salts | Max. 1.0% | IS 33 1992 |
| Conductivity | Max. 500 µS | IS 33 1992 |
| Soluble Pb - content | Max. 5.0 % | ISO 3711 |

Applications

| | |
|--------------------------------------|---|
| Alkyd / Stoving | ● |
| Industrial | ● |
| Coil Coating | ● |
| Automotive / Refinish / Road Marking | ○ |
| Powder Coating | ● |

- - Major use
○ - Potential use

Fastness Properties

| Parameter | Values | Method |
|--------------------------------------|---------------|------------|
| Heat Stability (5 min) | 200°C - 220°C | VX/FP/002 |
| Acid resistance (1 - 5) | 2 | IS 2932 |
| Alkali resistance (1 - 5) | 4 | IS 2932 |
| Light Fastness (1 - 8) | | |
| Full shade | 6 | IS 33 1992 |
| Weather Fastness (1 - 5) | | |
| Full shade | 3 | ISO 11341 |
| Resistance to Sulphur dioxide(1 - 5) | 2 | ISO-3231 |

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