

NL-R950 - Coating

Technical Data Sheet

Product Description

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

Mass Tone

Tint Tone: 1:10



Physical Properties

| Parameter | Values | Method |
|--------------------------|----------------------|------------|
| Specific gravity | 6 gm/cm ³ | IS 33 1992 |
| Oil absorption | 22 g/100 g (±5 g) | 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. 1.0 % | IS 3711 |

Structural Formula



Fastness Properties

| Parameter | Values | Method |
|---|---------------|------------|
| Heat stability (5 min) | 250°C - 260°C | VX/FP/002 |
| Acid resistance (1 - 5) | 4 | IS 2932 |
| Alkali resistance (1 - 5) | 4 | IS 2932 |
| Light fastness (1 - 8) | | |
| Full shade | 6 - 7 | IS 33 1992 |
| Weather fastness (1 - 5) | | |
| Full shade | 4 | ISO 11341 |
| Resistance to sulphur dioxide (1 - 5) | 4 | ISO-3231 |

Applications

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

● - Major use

○ - Potential use

NILICHEM is a registered trademark of Nilgoon Pigment Co. The product details and application guidelines provided are based on our extensive research and technological advancements. While these insights reflect our current understanding, they are not legally binding. It is the processing company's responsibility to ensure each product's suitability for their specific applications. As the use of our products is beyond our control, we cannot accept liability for their performance in particular applications.

Company Name: Nilgoon Pigment Co. (NILI CHEM)

Address: Sharif University Science & Technology Park, Tehran, Iran

Website: www.nilrang.com

Email: info@nilrang.com

Phone: +98 21- 66064604



2025 January