

NL-R110 - Coating

Technical Data Sheet

Product Description

| | |
|-------------------|--------------------------------------|
| Colour Index Name | Pigment Yellow 34 |
| Colour Index No. | 77603 |
| CAS Number | 1344-37-2 |
| Chemical Name | Lead (Sulfo)Chromate/Primrose Chrome |

Mass Tone

Tint Tone: 1:10



Physical Properties

| Parameter | Values | Method |
|--------------------------|------------------------|------------|
| Specific gravity | 5.3 gm/cm ³ | IS 33 1992 |
| Oil absorption | 24 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) | 220°C - 240°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 | 3 - 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

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