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|--------------------------|---------------------------------|---|
| Product Name | : Permanent Lake Red - C | Full Tone |
| Code No. | : 5304 |  |
| Chemical Class | : Monoazo Red - Barium Salt | Tint Tone |
| Colour Index Name | : Pigment Red 53:1 |  |
| Colour Index No. | : 15585:1 | |
| Basic Pigment C.A.S. No. | : 5160-02-1 | |

GENERAL DESCRIPTION :

Permanent Lake Red C is a rosinated type, highly transparent, clean, dark yellow red shade lake pigment. It offers ease of dispersion and gloss properties. It is less bronzy, but more transparent than our permanent LAKE RED – CT (A).

TECHNOLOGICAL CHARACTERISTICS :

| | | | |
|--------------------------|--------------|-----------------------|-----------------------------|
| Specific Gravity at 20°C | : 1.840 | Specific Conductivity | : < 1.0 ms cm ⁻¹ |
| Sieve Residue | : 0.1 % max | Oil Absorption | : 50-55 CC |
| Moisture Content | : 1.0 % max | Water Soluble | : 1% max |
| pH of Water Extract | : 6.0 to 8.0 | | |

FASTNESS CHARACTERISTICS :

| CHARACTERISTICS | PRINTING INKS | | PAINTS | | PLASTICS | | NEW SYSTEMS | |
|---|---------------|------------|-----------|------------|-----------|------------|-------------|------------|
| | 1/1 Depth | 1/25 Depth | 1/1 Depth | 1/25 Depth | 1/1 Depth | 1/25 Depth | 1/1 Depth | 1/25 Depth |
| Light Fastness (1-8 scale) | 6 | 2 | - | - | 6 | 2 | - | - |
| Weather Fastness (1-5 scale) | - | - | - | - | - | - | - | - |
| Heat Stability Celcius | 200° C | | | | 225° C | | | |
| Solvent Fastness (1-5 scale) - General | 3 | | - | | - | | - | |
| Soap Fastness (1-5 scale) - Print | 1-2 | | - | | - | | - | |
| Fastness to Blend (1-5 scale) - PVC | - | | - | | 4-5 | | - | |
| Over Spray Fastness (1-5 scale) - Paint | - | | - | | - | | - | |

Key: (1-8 scale) 1 - Poor ; 8 - Excellent (1-5 scale) 1 - Poor ; 5 - Excellent

TECHNICAL RECOMMENDATION :

| Printing Inks | Plastics | Other Application |
|--------------------------------|-------------------------|---------------------|
| Restricted use in Printing Ink | PVC (Rigid) | Stationery Products |
| | PVC (Flexible) | Artist Colour |
| | Polyolefins | Crayon |
| | Rubber | |
| | Plastics Master Batches | |

* This technical information is offered for guidance, but without guarantee.


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