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|                          |   |   |
|--------------------------|---|---|
| Product Name             | : <b>Permanent Red 2B Tonner (Red RC)</b> | Full Tone   |
| Code No.                 | : 4802                                    |  |
| Chemical Class           | : Monoazo Pigment - Calcium Lake          | Tint Tone   |
| Colour Index Name        | : Pigment Red 48:2                        |  |
| Colour Index No.         | : 15865:2                                 |   |
| Basic Pigment C.A.S. No. | : 7023-61-2                               |   |

#### GENERAL DESCRIPTION :

Permanent Red 2B Toner is a bluish red pigment, high colour strength and flow, good dispersibility and moderate fastness properties, used extensively in paste and liquid inks, PVC etc.

#### TECHNOLOGICAL CHARACTERISTICS :

|                 |                          |                  |                        |
|-----------------|--------------------------|------------------|------------------------|
| Density         | : 1.80 g/cm <sup>3</sup> | Acid Resistance  | : 5                    |
| Bulk Volume     | : 8.5 L/Kg               | Specific Surface | : 50 m <sup>2</sup> /g |
| Alkali Fastness | : 3                      |                  |                        |

#### PROPERTIES :

|                          | PE      | PVC  | PS      |
|--------------------------|---------|------|---------|
| Standard Depth (1/3g/kg) | 1.35    | 5.10 | 1.35    |
| Purity (°)               | 66.5    | 66.5 | 65.0    |
| Ligh Fastness Mass Tone  | 6       | 6-7  | 5-6     |
| Light Fastness Tint Tone | 4-5     | 4-5  | 4       |
| Heat Resistance Celcius  | 235-240 | -    | 235-245 |
| Weathering Fastness      | -       | -    | -       |
| Fastness to Bleeding     | -       | 4-5  | 4-5     |

#### FASTNESS TO SOLVENTS AND REAGENTS :

|                         |                        |                |
|-------------------------|------------------------|----------------|
| White Spirit : 4        | Linseed Oil : 4        | Water : 4-5    |
| Xylene/Toluene : 3-4    | Dibutyl Phthalate : 3  | Acid : 4       |
| N Butanol : 4           | Soap : 2               | Aklali : 4     |
| Butyl Acetate : 3       | Wax : 4                | Lime : 4       |
| Methyl Ethyl Ketone : 3 | Edible Oils and Fats:5 | Detergent: 3-4 |

#### APPLICATIONS :

|          |                 |
|----------|-----------------|
| • PVC    | • OFFSET INKS   |
| • PO     | • PRINTING INKS |
| • PS     |                 |
| • RUBBER |                 |

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


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