

# Technical Data Sheet

## Identification

|                  |   |                            |
|------------------|---|----------------------------|
| Product Name     | : | Pigment Red 5              |
| Product Code     | : | HP-PR 5                    |
| Chemical Class   | : | Monoazo / Naphthol Pigment |
| Colour Index No. | : | 12490                      |
| CAS Number       | : | 6410-41-9                  |

## Physical Properties

|                      |   |             |
|----------------------|---|-------------|
| Specific Gravity     | : | 1.8 gms/cc  |
| Oil Absorption       | : | 50 g/100 gm |
| PH                   | : | 6-8         |
| Moisture             | : | 1% Max      |
| Water Soluble Matter | : | 1.5%        |

## Resistance to:

|               |   |     |
|---------------|---|-----|
| Xylene        | : | 4   |
| Ethanol       | : | 4-5 |
| Ethyl Acetate | : | 4   |
| MEK           | : | 4   |
| White Spirit  | : | 4-5 |
| 5 % HCL       | : | 5   |
| 5 % NaOH      | : | 5   |
| Soap Solution | : | 5   |

|                               |   |           |   |   |
|-------------------------------|---|-----------|---|---|
| Light fastness ( Scale 1 - 8) | : | Full Tone | : | 7 |
|                               | : | Tint Tone | : | 6 |

|                |   |                                |
|----------------|---|--------------------------------|
| Heat Stability | : | Stable upto 180 <sup>o</sup> c |
|----------------|---|--------------------------------|

|              |   |  |
|--------------|---|--|
| Applications | : | Offset, Flexo Inks, Gravure Inks, Paints,<br>Plastic Rubber. |
|--------------|---|--|

"Although the data supplied above are believed to be correct, the data are presented without any representation or warranty concerning the suitability, performance or correctness of the product for a particular application or use. Significant variations can occur between test results and results obtained in actual use. We strongly advise that before purchase the buyer test the product in the specific intended application under conditions expected during use. Suggestions made by Colors (India) are our opinion only and there is no warranty of the results to be obtained."