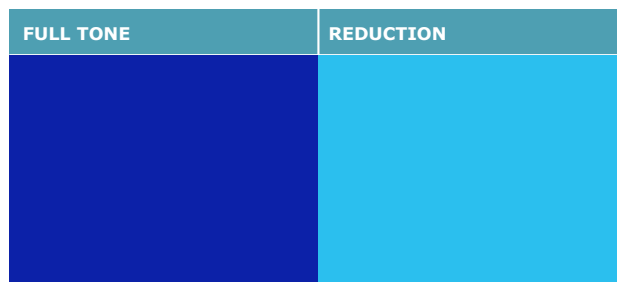
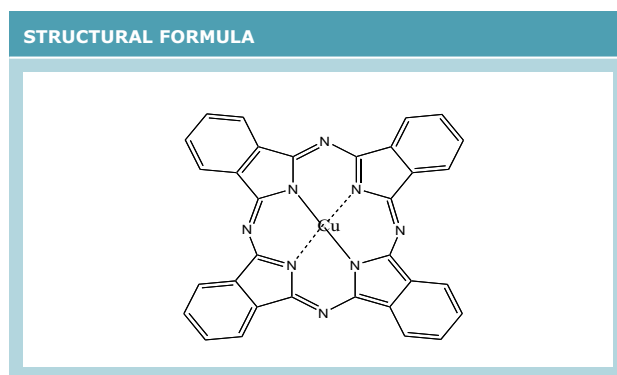


| PRODUCT DESCRIPTION | | |
|---------------------|-----------------------------------|------------------|
| Color Index | Pigment Blue 15:4 | |
| C.I. No. | 74160 | |
| Chemical Type | Cu-Phthalocyanine Blue, beta-mod. | |
| CAS No. | 147-14-8 | |
| Hue Angle | 240.5 | DIN EN ISO 53235 |



| PHYSICAL DATA | | |
|--------------------------------------|-------------|-------------------|
| Appearance | Blue Powder | |
| Density [g/cm ³] | 1.7 | DIN EN ISO 787-10 |
| Bulk Volume [ltr/kg] | 2.6 | DIN 53194 |
| Specific Surface [m ² /g] | 40 | DIN EN ISO 66132 |



| FASTNESS PROPERTIES | | |
|--------------------------------|-----|--------------------|
| Acid | 5 | DIN EN ISO 787-4 |
| Alkali | 5 | DIN EN ISO 787-4 |
| Water | 5 | DIN EN ISO 2836 |
| Ethanol | 3-4 | DIN EN ISO 2836 |
| Ethyl Acetate | 5 | DIN EN ISO 2836 |
| MEK | 5 | DIN EN ISO 2836 |
| Toluene | 5 | DIN EN ISO 2836 |
| DOP | 5 | DIN EN ISO 2836 |
| Paraffin | 5 | DIN 16524-31965 |
| Butter | 5 | DIN 16524-31965 |
| Soap | 5 | DIN 16524-31965 |
| Light Fastness 1/3 SD (print) | 7-8 | DIN EN ISO 105-B01 |
| Light Fastness 1/25 SD (print) | 7-8 | DIN EN ISO 105-B01 |

| APPLICATION PROFILE | |
|-------------------------------|-------------|
| Offset | - |
| Publication Gravure | recommended |
| Gravure / Flexo, solventborne | - |
| Gravure / Flexo, waterborne | - |

| STANDARD PACKAGING | |
|---|--|
| - 15kg Paper Bags | |
| - Different types of packaging are available on request | |

| REGULATIONS | |
|---|-----------|
| Germany BfR recom. IX | compliant |
| APME AP 89/1 | compliant |
| USA (FDA) 21 CFR § 178.3297 | listed |
| Toys Europe EN 71-3 | compliant |
| Toys USA ASTM F 94/62 | compliant |
| CONEG, EC 94/62 | compliant |
| ROHS, 2002/95/E, 2005/618/EC | compliant |
| End of Life Vehicles, 2000/53/EC, 2002/525/EC | compliant |

® = Registered trademark of Heubach Colour Pvt. Ltd. Our product specifications and application information are based on our current knowledge. They are non-binding and cannot be taken as a guarantee. The processing company must establish the suitability of individual products itself. As their use lies beyond our knowledge and control, we cannot accept any liability relating to the use of our products in particular applications. In addition to that, the legal rights of third parties must always be considered. The specification agreed between the customer and ourselves is the basis upon which our general sales and delivery conditions are set and is the deciding factor concerning any liabilities. Our standard specification is then valid if no specification has been agreed upon between the customer and us.