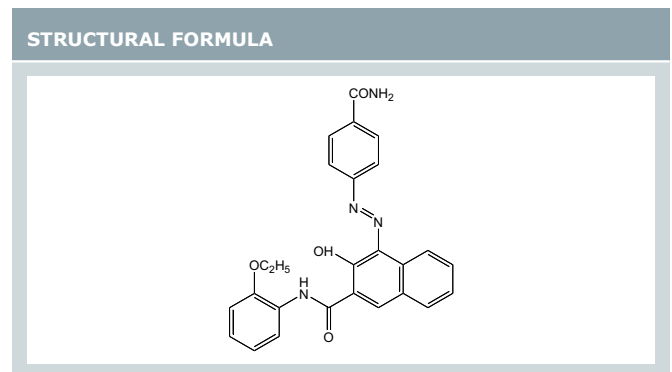


| PRODUCT DESCRIPTION | | |
|---------------------|------|-----------------|
| Color Index | | Pigment Red 170 |
| C.I. No. | | 12475 |
| Chemical Type | | Naphthol AS |
| CAS No. | | 2786-76-7 |
| Hue Angle [1/3 SD] | 16.6 | DIN 5033 |

| PHYSICAL DATA | | |
|--------------------------------------|------------|-------------------|
| Appearance | red powder | |
| Density [g/cm ³] | 1.4 | DIN EN ISO 787-10 |
| Bulk Volume [l/kg] | 4.4 | DIN EN ISO 787-11 |
| Specific Surface [m ² /g] | 23 | DIN 66132 |

| FASTNESS PROPERTIES | | |
|-------------------------------|------|----------------------|
| Acid | 5 | DIN EN ISO 20105-A02 |
| Alkali | 5 | DIN EN ISO 20105-A02 |
| Migration | 5 | DIN EN 14469-4 |
| Light Fastness [1/3 SD] | 8 | DIN EN ISO 105-B01 |
| Heat Resistance [°C] [1/3 SD] | 260 | DIN EN 12877-2 |
| Warping in HDPE | none | DIN EN ISO 294-4 |

| APPLICATION PROFILE | |
|---------------------|-------------|
| Polyolefins | recommended |
| PVC | recommended |
| PS | - |
| ABS | - |
| PA | - |
| PC | - |
| Powder Coatings | recommended |



| REGULATIONS | |
|---|-----------|
| Germany BfR recom. IX | compliant |
| APME AP 89/1 | compliant |
| USA (FDA) 21 CFR § 178.3297 | - |
| Toys Europe EN 71-3 | compliant |
| Toys USA ASTM F 963-03 | 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 |

| STANDARD PACKAGING |
|---|
| - 25kg Cardboard Boxes |
| - Different types of packaging are available on request |

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