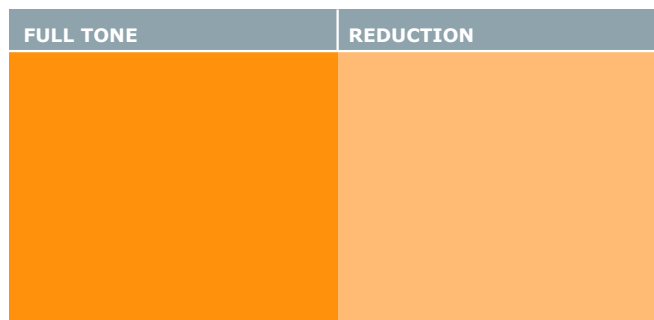
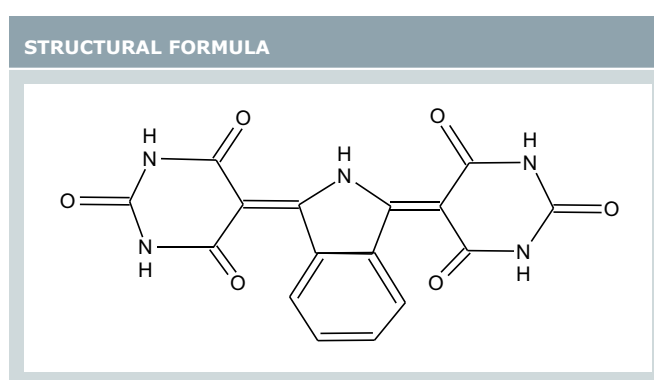


| PRODUCT DESCRIPTION | | |
|---------------------|--------------------|------------------|
| Color Index | Pigment Yellow 139 | |
| C.I. No. | 56298 | |
| Chemical Type | Isoindoline Yellow | |
| CAS No. | 36888-99-0 | |
| Hue Angle [1/3 SD] | 73.5 | DIN EN ISO 53235 |



| PHYSICAL DATA | | |
|--------------------------------------|---------------|-------------------|
| Appearance | Yellow Powder | |
| Density [g/cm ³] | 1.6 | DIN EN ISO 787-10 |
| Bulk Volume [ltr/kg] | 4.1 | DIN 53194 |
| Specific Surface [m ² /g] | 33 | DIN EN ISO 66132 |



| FASTNESS PROPERTIES | | |
|----------------------|-----|--------------------|
| Acid | 5 | DIN EN ISO 787-14 |
| Alkali | 5 | DIN EN ISO 787-14 |
| Migration | 5 | DIN EN ISO 14469-4 |
| Light Fastness | 7-8 | DIN EN ISO 105-B01 |
| Heat Resistance [°C] | 220 | DIN EN ISO 12877-2 |
| Warping in HDPE | Low | DIN EN ISO 294-4 |

| APPLICATION PROFILE | |
|---------------------|---------------|
| PE | recommended |
| PP | recommended |
| PP Fibre | potential use |
| PVC-u | recommended |
| PVC-p | recommended |
| PS | potential use |
| ABS | potential use |
| PA | - |
| PC | potential use |
| Rubber | - |

| REGULATIONS | |
|---|------------|
| Germany BfR recom. IX | Compliant |
| AP 89/1 | Compliant |
| USA (FDA) 21 CFR § 178.3297 | Not Listed |
| Toys Europe EN 71-3:2013 | n.a |
| 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 |

| CHEMICAL INVENTORY LISTING STATUS |
|---|
| All ingredients are listed in the following national chemical inventories: EINECS [Europe], TSCA [USA], DSL [Canada], AICS [Australia], NZIoC [New Zealand], MITI [Japan], ECL [Korea], IECSC [China], PICCS [Philippines] |

| STANDARD PACKAGING |
|---|
| - 15kg Cardboard Boxes |
| - Different types of packaging are available on request |

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