

MAHAVIR INDUSTRIES

(Since 1979)
(Manufacturer & Exporter of Dyestuff & Organic Pigments)

SPECIFICATION OF MAHAFAST SUPER FLASH GOLD 8054

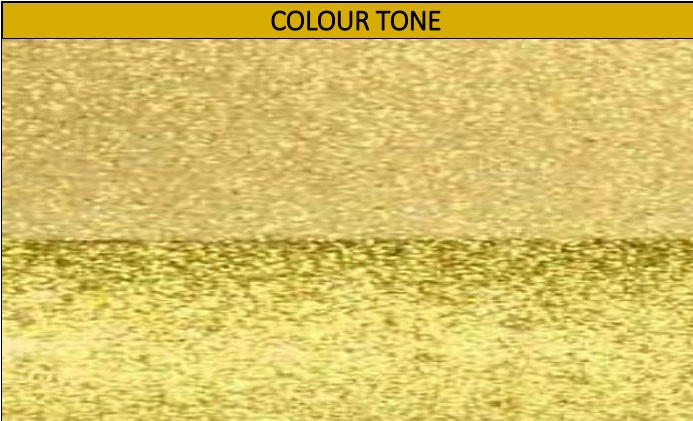
| PRODUCT DESCRIPTION | | | | |
|--------------------------------|------------|-------|-------------------------------|-----------------|
| Brand Name | Grade Name | Color | Pigment Class | Appearance |
| Mahafast Super Flash Gold 8054 | 8054 | Gold | Titanium Dioxide & Iron Oxide | Lustrous Powder |

| CHEMICAL COMPOSITION | | | | |
|----------------------|---------------|--------------|------------|---------------|
| Ingredient | % Composition | C. I. Number | CAS Number | EINCES Number |
| Mica | 68-80 | 77019 | 12001-26-2 | 310-127-6 |
| Titanium Dioxide | 18-26 | 77891 | 13463-67-7 | 236-675-5 |
| Red Iron Oxide | 1-4 | 77491 | 1309-37-1 | 215-168-2 |
| Tin Oxide | < 1 | 77861 | 18282-10-5 | 242-159-0 |

| PHYSICAL PROPERTIES | | | | |
|--------------------------------|-----------|---------------------|--------------|--------------------------------|
| Parameter | Value | Unit | Method | Remark |
| TiO ₂ modification | Rutile | - | ASTM D3720 | - |
| Volatile matter | Max 1 | % | ISO 787-2 | At 105°C, 2 h |
| Oil absorption | 70-80 | g/100g | ISO 787-5 | - |
| pH value | 6-10 | - | ISO 787-9 | 10% Aq. Suspension |
| Sp. Gravity | 3.2 ± 0.2 | - | IS 33 Part B | - |
| Apparent density | 0.6 ± 0.1 | g/cc | ISO 787-11 | - |
| Water solubility | Max 1 | % | IS 3493 | Practically Insoluble |
| Heat stability | 800 | °C | CPTL/301 | - |
| Resistance acid & alkali | Stable | 1-5 Scale | CPTL/301 | - |
| Particle size Range 85% within | 15-150 | µm | EP/1020 | Determined on Malvern Analyzer |
| Light Fastness | 8 | 1-8 Blue Wool Scale | CPTL/301 | - |

| APPLICATION | |
|----------------|-------------|
| Polyolefins, | ● |
| Polystyrene, | ● |
| Polycarbonate, | ● |
| Nylon, | ● |
| EVA, PET, PVC, | ● |
| ABS, PBT, | ● |
| ● | Recommended |
| ○ | Can be used |

| STANDARD PACKAGING | |
|--------------------|------------|
| Paper Bags | 25 Kgs |
| Big Bags type | On Request |

| COLOUR TONE | |
|--|-----------------------|
|  | |
| Particle Size | 15-150µm |
| Features | Transparent sparkling |

Our product specific end application information are based upon our current knowledge. They 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 the customer test the product in the specific intended application under conditions expected during use.