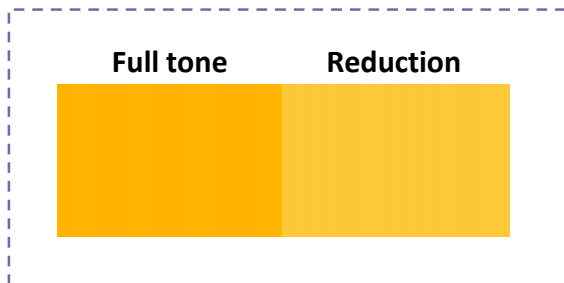


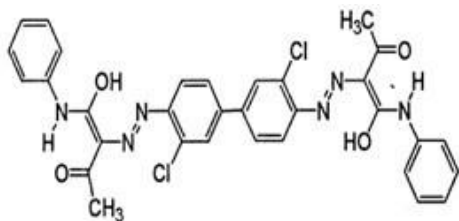
Technical Data Sheet



Product Description

| | |
|-------------------|---------------------|
| Colour Index Name | Pigment Yellow - 12 |
| Colour Index No. | 21090 |
| CAS number | 6358-85-6 |
| Chemical name | Diarylide |

Structural Formula



Physical Properties

| Parameter | Values | Method |
|----------------------------|------------------------|---------|
| Specific gravity | 1.4 gm/cm ³ | IS-3493 |
| Oil absorption | 33 g/100g (±5 gm) | IS-3493 |
| pH of aqueous extract | 6.0-8.0 | IS-3493 |
| Moisture content | Max. 1.0 % | IS-3493 |
| Residue on sieve (45 µm) | Max. 0.5% | IS-3493 |

Applications

| Polymers | Recommendation |
|--------------|----------------|
| LDPE | L |
| HDPE | L |
| PP Mouldings | N |
| PVC | Y |
| RUBBER | Y |
| ABS | N |
| GPPS | N |
| PET | N |
| PC | N |

Y - Recommended

L - Limited use

N - Not Recommended

Fastness Properties

| Parameter | Values | Method |
|----------------------------|--------|------------------|
| Heat Stability (5 min) | 180°C | VX/FP/002 |
| Light Fastness (1 - 8) | | |
| Full shade | 5-6 | DIN EN ISO4892-2 |
| Reduction | 5-6 | IS 33 1992 |
| Weather Fastness (1 - 5) | | |
| Full shade | - | ASTM G 155 |
| Reduction | - | ASTM G 155 |
| Migration | 3-4 | DIN EN 20105-A03 |

Above stated product specification and application information are based on our current laboratory report. They are non-binding and do not have any guarantee. The processing company must establish the suitability of individual product before using. As the use of processing company lies beyond our knowledge and control, we cannot accept any liability relating to the use of our product in particular application

NARAYAN ORGANICS PVT. LTD.

Mfg. of : PHTHALOCYANINE BLUE & GREEN PIGMENTS

Regd. Office _____