## MONOLITE® TR - Blue 360



**Technical Data Sheet (PROVISIONAL)** 

Revision No.: 3

Revision Date: 05 / 2014

# PRODUCT DESCRIPTION Super-dispersible, transparent, colour-rich pigment preparation Color Index Pigment Blue 60

| Color Index   | Pigment Blue 60 |
|---------------|-----------------|
| C.I. No.      | 69800           |
| Chemical Type | Indanthrone     |
| CAS No.       | 81-77-6         |

| FULL TONE (Over B/W) | REDUCTION (1:10) |
|----------------------|------------------|
|                      |                  |
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|                      |                  |
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| TECHNICAL DATA      |                     |                   |
|---------------------|---------------------|-------------------|
| Physical Appearance | Blue solid granules |                   |
| Density             | 1.3-1.5             | DIN EN ISO 787-10 |

#### **FIELDS OF APPLICATION**

- Ease of dispersion enhances productivity
- Metallic base coats in industrial paints
- Candy tone finishes for two wheeler
- UV cure coatings
- Liquid inks

#### **OPTICAL PROPERTIES**

- High transparency
- Rich chroma
- High gloss
- Low haze
- Low dulling and graying upon intermixing with other Monolite TR preparations

#### **DISPERSION PROPERTIES**

- Dispersibility: Easily dispersible in most resins with Cowles disperser after a soaking period. One sand mill pass may be required in some resins for maximising the transparency and richness of colour.
- Dispersion stability:-Paints based on Monolite TR Preparations show excellent stability of dispersion during shelf life as also during circulation in typical paint shop systems.
- Co- dispersion without dispersant:-This preparation can be co-ground with other normal powder pigments in media mills without any need for dispersing agent at all.

#### SUITABLE RESIN SYSTEMS

Alkyd-melamine, polyester-melamine, thermosetting acrylic, acrylic-urethane

#### CLEAN COLOURS BY INTERMIXIMG

Due to their very fine particle size, these preparations upon intermixing to produce desired colour, show much less graying and dulling compared to the standard powder pigments.

#### LOADING

Dispersion at  $2\sim5$  % loading of in a suitable resin provides a rich blue colour with excellent transparency for attractive candy effect when applied over silver base coat.

### HEAT FASTNESS

Suitable for baking finishes

#### LIGHT FASTNESS

PB 60 is a light fast pigment. The weather fastness in the intended paint system needs to be evaluated prior to use.

#### **OVERCOATING FASTNESS**

Thermosetting acrylic coat pigmented with Monolite TR - Blue 360 PREPARATION when over coated with white topcoat and baked shows insignificant pigment migration.

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