



*An ISO 9001 & 14001 Certified Company*

### ***Technical Data Sheet***

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#### **INDOFIL OPAQUE 621 A non film forming aqueous emulsion as opacifier**

Indofil Opaque 621 is hollow sphere polymeric pigment which reduces the cost of raw materials without compromising on performance properties.

**Indofil Opaque 621** achieves the cost reductions by performing three functions :

- Improves the hiding efficiency of Titanium Dioxide by light scattering phenomenon and not by crowding the Titanium Dioxide particles
- Allows paints to be formulated with equal resistance properties because of lower binder demand
- Contributes directly to hiding

#### **PHYSICAL PARAMETERS:**

Appearance	: Milky white emulsion
Solid Content (150° C/ 20 min)	: 38 ± 0.5%
pH (As such)	: 8.5-10.0
Viscosity (Brookfield LVF # .2/60 @ 25 °C)	: 40-100 cps
Particle Size	: 0.5-0.8 micron
Specific Gravity	: 0.95-1.1 gm/cc



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### **RECOMMENDED USES:**

- Exterior/ Interior flat paints, Exterior sheen paints
- Interior semi Glossy paint
- Exterior /Interior textured paint

### **ADVANTAGES:**

- Significantly increased light scattering efficiency while maintaining paint performance.
- Formulation with **Indofil Opaque 621** Lowers raw materials costs at equal opacity, and Lower Titanium dioxide quantity.

### **STORAGE:**

Indofil OP 621 is non-flammable, non-combustible. It should be stored under shade. It should not be exposed to direct sunlight.

### **SHELF LIFE:**

12 months from the date of manufacturing

### **Disclaimer:**

**The suggestion and data in this bulletin are based on information we believe to be reliable. It is offered in good faith, but WITHOUT GUARANTEE, as the conditions and methods of the use of our products are beyond our control. We ALWAYS recommend that the prospective user should determine the suitability of our products and suggestions on an experimental basis first, Before ADAPTING on a commercial scale.**  
*Prepared on 25 th June 2013 ( Indofil/SPCD/Coating/June 2013/Rev. 0)*

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