

An ISO 9001 & 14001 Certified Company

Technical Data Sheet

INDOFIL 850 (COMPACT)

Quality Dispersant for Quality Paints & Coatings

Indofil 850 (Compact) is sodium salt of polycarboxylic acid. It is low foaming dispersant in solution form with excellent dispersion property for a variety of inorganic pigments & clays effective with aqueous system.

Degree to which the pigment particles are dispersed is a major factor in the quality and stability of the finished paint.

Functioning of **Indofil 850 (Compact)** is based on its ability to keep pigment particles apart by surrounding them with a strong anionic charge so that separated particles get wetted by water easily.

Presence of **Indofil 850 (Compact)** in formulation results in decrease of larger pigment aggregates within dry paint film which enhances paint properties like Opacity, Tinting Strength & Gloss.

Physical Parameters:

- Appearance : Pale Yellow Clear Liquid
- Solid content @ : 30 ± 1 %
150 °C / 30 min
- pH (as such) : 9 -10
- Viscosity : 100 – 300 cps
Brookfield LVF #
2/60 @ 25°C)

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Advantages:

In Manufacturing:

- Reduces the mill Viscosity
- Allows higher Pigment and Extender loading
- Reduces the dispersion time

During storage:

- Prevents pigment flocculation and pigment settling
- Gives good divalent cation stability

After paint application:

- Opacity / Tinting strength, Gloss
- Prevents paint film defects

Recommended Uses:

- High PVC paints, primer, and economy exterior coatings
- In systems involving dispersions of inorganic solids such as TiO₂, extenders
- In systems where reactive pigments such as zinc oxide or basic lead silicate are incorporated



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Recommended Dosage:

0.4 – 1.0% **Indofil 850 (Compact)** (based on pigment weight)

Storage:

Indofil 850 (Compact) 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.

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