

INDOFIL 850

A very low foaming dispersant for inorganic pigments

Functioning of Indofil 850:

During the pigment grinding agglomerates are associated into a dispersion of particles. In the process of dispersion, **Indofil 850** mainly prevents association of pigments and extender particles.

Indofil 850 gets adsorbed onto the pigment particles and hinders close approach of particles which results in good wetting & stabilization of pigment particles which finally results in enhancing paint properties like opacity, tinting strength, gloss. **Indofil 850** is soluble only in polar solvents such as water, glycerin and ethylene glycol.

For maximum effectiveness, **Indofil 850** should be used in systems at pH 9.0 to 10.0.

Physical Parameters:

- Appearance : Colorless to pale yellow clear liquid.
- Solid content (120°C/ 60 min.) : 30 ± 1%
- pH (As such) : 9-10.5
- Viscosity (Brookfield LVF#2/60 @ 25°C) : 125-325 cps
- Clarity of 1% solution : clear



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Technical Data Sheet

Advantages:

- Superior performance in formulations in which reactive pigments such as zinc oxide or basic lead silicate are incorporated, imparting improved stability to such systems
- Enhances flow and leveling of paint
- Contribute to overcome pigment floating & settling
- Reduces mill viscosity which allows higher pigment/ extender loading in paint formulation

Recommended Uses:

- Indofil 850 is widely used in trade sales paints with acrylic, butadiene-styrene and polyvinyl acetate systems.
- It gives high-efficiency performance with a very wide range of inorganic pigments and extenders.

Recommended Dosage:

0.4 – 1% **Indofil 850** (Based on pigment weight)

Storage:

Indofil 850 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.



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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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