



TDS/IIS/COATINGS/045
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Technical Data Sheet

☐ Textile ☒ Coating ☐ Leather ☐ Plastic

INDOFIL AT 150

Product Description

Indofil AT 150 is Hydrophobically Modified Alkali Swellable Thickener.

Indofil AT 150 has very good compatibility with all the paint ingredients. It is specially processed rheological modifier for thickening latex coating. Formulator can use Indofil AT 150 with HEC and other types of thickener including PU thickeners.

Indofil AT 150 is very easy to handle and incorporate into the system. It can be added at different stage as long as paint system is sufficiently alkaline during the incorporation and sufficient mixing is available. It could be incorporated either at mill base stage before or after addition of pigment and extender to give mill base consistency or at the let down stage. Indofil AT 150 works very efficiently in an alkaline nature so it is recommended that pH of the paint system should be between 9.0 -9.5 before addition of this thickener.

Advantages

- ❖ Useful in wide range of water-based paint system.
- ❖ Provides superior paint application properties like flow, leveling, and sagging
- ❖ Gives better paint quality with stable viscosity
- ❖ Does not affect gloss level of paint
- ❖ Improves water resistance.
- ❖ Easy to handle and incorporate during manufacturing process

INDOFIL AT 150

Recommended Uses

Typically, incorporating 0.2% to 0.75% of Indofil AT 150, based on the total quantity of the paint system, yields optimal performance. However, the precise dosage may vary depending on the specific paint formulation.

Typical Physical Properties

Specification data

Value

❖ Visual Appearance	Milky white
❖ Solid content	30 ± 1.0 %
❖ pH (As Such)	2.0 – 5.0
❖ Viscosity (Brookfield LVF# 1/60 @25°C)	100 cps max

- These figures are only intended as a guide and should not be used in preparing specifications

Storage

Indofil AT 150 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

Packaging

Available in 50 Kg & 245 kg HDPE containers.