

INDOFIL K-400F

Processing Aid for Foamed PVC Products

Introduction:

Indofil K-400F is a high molecular weight acrylic processing aid and foam modifier. K-400F has the higher molecular weight and viscosity; it can efficiently increase the melt strength of PVC so as to prevent from bubble amalgamation for obtaining even foaming products. It improves the quality and processability of foamed PVC products by reducing density. It improves surface finish of the product. It fuses rapidly and flows smoothly.

Typical Physical Properties:

Chemical Name : Acrylic based Processing Aid.

Appearance : White, fine, Free flow powder with uniform particle size.

Bulk Density, g/cc : 0.38 min

Molecular Weight : High Molecular Weight

Volatiles (%) : Max. 1

Sieve Test Ret.

60 Mesh : Max.5

100 Mesh : Max.40

200 Mesh : Max.90

Advantages:

- Faster fusion at low temperature
- Surface smoothness and high gloss
- Uniform wall thickness
- Improves cohesion of melt & its homogeneity
- Improves melt strength, extensibility & elasticity
- Reduces Plate out
- Uniform cell structure
- Good metal release property

- **Typical Applications:** K-400 F is mainly used to produce PVC foaming products with Hi-luster surface and lower foam density, such as PVC foaming sheet, PVC foaming board, PVC foaming pipe etc..

Recommended Dosage: 5-12 Phr

Packaging: Indofil K-400F is supplied in 25 Kgs bags