

## **INDOFILK-600F**

(Ultra High Molecular Weight Processing Aid)

### **Introduction:**

Indofil K-600F is an ultra high molecular weight acrylic processing aid for foam PVC applications. It gives high melt strength, elasticity and prevents from bubble amalgamation, useful for obtaining uniform foamed cell structures and final products. It improves processability and quality of foamed PVC products even on reduced densities. It supports for rapid fusion, smooth flow and improves surface finish of the final product.

### **Typical Physical Properties:**

Chemical Name	: Acrylic based Processing Aid.
Appearance	: White, fine, free flow powder with uniform particle size.
Bulk Density, g/cc	: 0.35- 0.50
Molecular Weight	: High Molecular Weight
Volatiles (%)	: Max. 1
Sieve Test Ret.	
60 Mesh	: Max.20
100 Mesh	: Max.60
200 Mesh	: Max.90

### **Advantages:**

- Enhance fusion at lower temperatures.
- Surface smoothness, high gloss and uniform wall thickness.
- Improves cohesion of PVC melt and its homogeneity.
- It promotes high melt strength, melt elasticity, and extensibility.
- It promotes uniform cell structures.

**Typical Applications:** K-600 F is mainly used for producing foamed PVC products with high luster surface and lower foam density. Such as PVC foam sheet, PVC foam board, PVC foam pipe, PVC Foam profiles and wood plastic composite foam board etc.

**Recommended Dosage:** 8-12Phr.

**Packaging:** Indofil K-600F is available in 20 / 25 Kgs bags.

---

DISCLAIMER: The information, illustrations and suggestions of the Company herein are based on the results of tests and experiments conducted on the products. Nothing herein should be construed as a warranty or guarantee of whatsoever nature for which the Company assumes any legal responsibility, as conditions and methods of use of the products are beyond the control of the Company. It is left to the absolute discretion and knowledge of the prospective user to determine the suitability of the products and suggestions before procuring and adopting them on commercial scale. Nothing herein is to be construed as permission, inducement or recommendation to practice any patented invention without a proper license."