

Product Information

Sorwax-20F Polyethylene Wax



Product Description

Sorwax-20F is a semi-fat polyethylene wax with a low molecular weight of about 2000~5000. This product possesses excellent thermal stability, chemical resistance, good compatibility with various polymers, and non-toxicity. The semi-fat polyethylene wax is particularly beneficial in applications where a creamier consistency is required or where enhanced lubrication properties are essential. It can also effectively improve products' physical properties and toughness.

General Properties

Material Status: Commercial

Appearance: Flake/ Semi-Fat

Color: White

Physicochemical Properties	Nominal Value	Unit	Method
Density	0.92±0.01	g/cm ³	ASTM D792
Viscosity	Max 30	cP	ASTM D1986
Melting Point	100±5	°C	ASTM D341
Flash Point	> 140	°C	ASTM D92

Application:

Sorwax-20F is used in the production of thermoplastic materials and rubber processing, offering improved processing characteristics and enhanced surface properties. This product is specifically useful in applications requiring a softer, more pliable material that enhances the processing of rubber compounds. In addition, enhances the flexibility and adhesion strength in hot-melt adhesives, and acts as a thickening agent, improving the viscosity and flow characteristics of coatings and inks.

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