

Product Information

Sorwax-20P Polyethylene Wax



Product Description

Sorwax-20P 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. The powder form of the wax makes it easy to handle and incorporate into different formulations.

General Properties

Material Status: Commercial

Appearance: Powder/ 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-20P 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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