

# Product Information

## Sorwax-10P Polyethylene Wax



Code No. FR-QC-008/00

### Product Description

Sorwax-10P is a high-performance polyethylene wax with a low molecular weight of about 2000~5000. This product possesses excellent thermal stability, chemical resistance, good compatibility with various polymers, non-toxicity, and mainly plays a lubricating role in processing masterbatch and compounds, which can effectively solve precipitation and greatly improve surface gloss. 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/Dry

**Color:** White

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

### Application:

Sorwax-10P is used as a processing aid in plastic industries and rubber products, to enhance flow properties, reduce sticking during the molding process, and reduce viscosity. This PE wax also acts as a slip agent in the coatings and paints industries, improving the surface finish of paints and coatings, and enhancing durability and performance. In addition, serves as a modifier and release agent to improve adhesion properties in hot melt adhesives.

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