

PRODUCT DATA SHEET

Product Name: HDPE Wax – High Density Polyethylene Wax

CAS Number: 9002-88-4

EINECS / EC No.: 618-339-3

HS Code: 34049020

Appearance: White Flake

Color: White

Physical Form: Flake



Product Description

HDPE Wax is a low molecular weight, linear polyethylene wax with a crystalline structure. It offers good thermal stability, controlled melting behavior, and compatibility with polyolefin systems.

The product works as an effective processing aid in masterbatch, PVC compounds, hot-melt adhesives, coatings, inks, polymer compounds, and molding applications.

Moreover, HDPE Wax can improve melt flow, reduce viscosity, support pigment and additive dispersion, and act as a lubricant and mold-release agent during industrial processing. These functions are consistent with the source data sheet.

Typical Properties

Property	Specification Range	Typical Result	Unit	Test Method
Flash Point	135 ± 5	137	°C	ASTM D92
Melting Point	105 ± 5	106	°C	DSC
Viscosity	15 ± 5	11.60	cPs	ASTM D2196
Moisture Content	< 0.5	0.28	%	ASTM D644
Physical Form	Flake	Flake	–	Visual
Color	White	White	–	Visual

Applications

- Color and filler masterbatch
- Masterbatch and concentrate formulations
- PVC compounding and extrusion
- Hot-melt adhesives
- Polymer processing
- Mold-release applications
- Coatings and printing inks
- Surface treatment systems
- Lubricant for plastic processing
- Pigment and additive dispersion

