

# VENLOWAX-PE

## PRODUCT IDENTIFICATION

- **Chemical Name:** Polyethylene WAX
- **Physical Form:** White Powder
- **CAS Number:** 9002-88-4

VENLOWAX-PE is a high quality, non-oxidized, apolar polyethylene wax produced through a high-pressure polymerization process.

### Advantages:

- Acceleration of dispersion of all kind of filler in any kind of equipment.
- Strong improvement of processability.
- Synergistic with maleinated coupling agents.
- Improved anti-dripping behavior.

## SPECIFICATION

Properties	Test Methods	Units	Values
Density (23°C)	ISO 1183	gr/cm <sup>3</sup>	0.93
Drop Point	ASTM D 3954	°C	117-123
Viscosity Point (140°C)	DIN 53019	mPa·s	650
Acidity	ASTM D-7795	mg/KOHgr	0

## APPLICATIONS

● VENLOWAX-PE is an efficient external lubricant for rigid PVC applications, providing excellent anti-sticking properties to the PVC melt, resulting in a smooth and glossy surface of the end article. As well it can be used as an internal lubricant for polyolefins providing flow improvement of PE compounds and as a release agent for elastomers and rubber applications. It is also an effective dispersing agent for PE masterbatch applications, providing excellent organoleptic properties, brilliant dispersing properties for pigments, fillers and additives as well as thermal stability. VENLOWAX-PE can be used in hotmelt adhesives as viscosity modifier. Depending on the dosage, open and set time can be adjusted. It can also be used as a wax compound in printing inks to provide rub and scratch resistance as well as a slip modification additive. It is especially recommended for offset printing inks.

## PACKAGING & STORAGE

- Packaging: 1 pallet is 1250 kg.
- VENLOWAX-PE should be stored in a manner that avoids direct exposure to sunlight and heat ( $T < 30^{\circ}\text{C}$ ). This compound should be used within 6 months after its production date.

### IMPORTANT NOTICE

Please read the Material Safety Data Sheet (MSDS) carefully before using this product.

