

PE Wax Technical Data Sheet

Product Characteristics

PE wax is polyethylene homopolymer wax, an excellent and consistent ingredient for end formulations to improve product physical appearance and thermal properties for a broad range of industries, including hot melt adhesives, PVC, color masterbatches, rubber and thermoplastics road markings, etc.

Applications

- Processing auxiliary for PVC pipes
- Hot melt adhesive
- PVC compound
- Thermoplastic road marking
- Petroleum wax blend
- Cable filling compound
- Plastic additive
- Paper coating
- Candle

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Specifications & Properties

➤ Appearance:	Pale White Flake
➤ Flash Point:	145 °C
➤ Viscosity:	13 mm ² /s
➤ Melting Point:	102 °C
➤ Hardness:	4 - 8
➤ Density:	0.92-0.94 g/cm ³

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Properties

- High melting and softening point
- Excellent lubrication
- Low viscosity
- Excellent heat resistance and thermal stability
- High hardness level
- Excellent chemical resistance
- Excellent compatibility with other waxes

Packing

In 20kg bags

Product Storage

Product should be stored in dry and dust free location at temperature below 50 °C and protected from direct sunlight and/or heat, well-ventilated area, away from incompatible materials and food and drink, as this may lead to quality deterioration, which results in odor generation and color changes and can have negative effects on the physical properties of this product. The storage area should be stable and not be sloped.

Safety Precautions

The product is not classified as hazardous material.