

# PE WAX

## Description

Polyethylene wax is a white pastille that acts as a nonpolar and colorless lubricant. It is an external lubricant that has mold-releasing properties. It can be used with both rigid and plasticized PVC applications. It offers a high melting and softening point, excellent lubrication, low viscosity, excellent heat resistance, and thermal stability, high hardness level, excellent chemical resistance, and excellent compatibility with other waxes.

No.	Property	Value
1	Viscosity at 140 °C	30 ± 10 cPs (ASTM D 3236)
2	R&B softening point	100 ± 3 °C (ASTM E 28)
3	Melting point	100 ± 10 °C (DSC)
4	Density	0.89 ± 0.01 (g/cm <sup>3</sup> ) (ASTM D 611)
5	Volatile content at 150 °C	< 3 (ASTM D 6658)
6	Form	Pastille (< 9 mm)
7	Color	White

## Benefits:

- PE wax serves as a dependable and superior component in final formulations, enhancing both the physical appearance and thermal characteristics of the product consistently.
- The inclusion of PE wax results in a reduction of friction and a concurrent increase in extrusion capacity.
- PE wax exhibits notable resistance to oxidation, further contributing to its advantageous properties.



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## **Application**

- Highly effective external lubricant for PVC
- PVC base color and additive masterbatch
- PE and PP base masterbatch
- External lubricant for wood-plastic compound
- Asphalt

## **Storage and Handling**

PE WAX 7020 packed in 25 kg BOPP bag. It should be stored in a dry and dust-free location at a temperature below 50 °C protected from direct sunlight and/or heat and in a well-ventilated area.

## **Safety**

The product is not classified as hazardous material.



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