

## Technical Data Sheet

### ZAR WAX 7030

- **Name:** Polyethylene Wax

Properties	
Viscosity at 140 °C	80 ± 30 cPs (ASTM D 3236)
R&B softening point	103 ± 3 °C (ASTM E 28)
Melting point	100 ± 10 °C (DSC)
Density	0.89 ± 0.01 (g/cm <sup>3</sup> ) (ASTM D 611)
Volatile content at 150 °C	< 3 (ASTM D 6658)
Form	Pastille (< 6 mm)
Color	White

#### Description

Polyethylene wax is a white pastille that acts as a non-polar 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.

#### 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.

#### 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

ZAR WAX 7030 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.