

Product Data Sheet

Lucowax®1761

1. Product description

Lucowax®1761 is a polyethylene wax.

2. Product properties

Lucowax®1761 is an additive for modification of bitumen or asphalt (construction industry).

Lucowax®1761 can also be used as an additive for the modification of plastics, hot melts, inks or for coating applications.

3. Product advantages

Small quantities of Lucowax®1761 can:

- reduce viscosity and thus improve the compressibility of asphalts
- reduce penetration
- improve water resistance
- increase the plasticity range and thus improves the deformation resistance of asphalt especially at high temperatures

4. Applications

Lucowax®1761 can be added directly to bitumen, asphalt or plastics, hot melts, inks or for coating applications as additive.

5. Storage and handling

Bulk quantities liquid in heated trucks
 smaller quantities as solid wax in octabins

Solid Lucowax®1761 should be stored under dry conditions at a temperature below 40 °C and protected from UV-light.

Storage time in excess of 6 months may have a negative impact on the processability of the product. We strongly recommend to use the material latest within 6 months after delivery.

Use beyond the recommended shelf-life. The product should be inspected according to quality assurance measures to ensure product's performance.

Otherwise degradation may occur resulting in odor generation and color changes.

Technical Data

	Method	Unit	Standard value
Density (20 °C)		g/ml	0,5 - 1,0
Solidification point	DIN ISO 2207	°C	80 - 110
Drop point	Mettler 1K/min	°C	75 - 120
Melting point	DSC	°C	70 - 120
Flash point (closed cup)		°C	> 150

Note

These standard values are typical values and should not be regarded as specifications.

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