



Print this page **Advanced Surface Solutions**

Additives

Licowax® E powder

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Ester of montanic acids with multifunctional alcohols

Product Description

Licowax E powder is an ester of montanic acids with multifunctional alcohols. The montanic acids contained in raw montan wax are straightchain, unbranched monocarboxylic acids with a chain length in the range of C₂₈-C₃₂. As a result of the long chain these montanic acids have a high thermostability and a low volatility as well as a low tendency to migration.

Licowax E powder is used as lubricant and dispersing agent in a wide variety of polymers like PVC, PS, PBT, PA, PDM, PC, TPU.

Benefits

- Excellent internal and external release properties in PVC and engineering resins out performing standard lubricants
- High thermostability and low volatility, low migration
- Good paste forming properties
- Excellent release properties in engineering resins out performing standard lubricants

Specifications

Delivery Specifications and (*) General Properties

Characteristics	Unit	Target value	Test method
Appearance		pale yellowish powder	QM-AA-634
Acid value	[mg KOH/g]	15 - 20	ISO 2114
Saponification value	[mg KOH/g]	140 - 160	ISO 3681
Drop point	[°C]	79 - 83	ISO 2176
*Viscosity	[mPa·s]	~ 20	DIN 53019 at 100°C
*Density (23°C)	[g/cm ³]	~ 1,02	ISO 1183

Applications

Lubricant for plastics, especially engineering resins, PVC, styrenics and their masterbatches. Also suitable for elastomers, TPU and thermosets.

Good paste-forming properties with organic hydrocarbon solvents.

Packaging and Handling

Delivery form

Powder

The product is also available in other physical form.

Packaging

Polyethylene bag 20 kg

Pallet 1000 kg (50 bags)

Big Bag 500 kg

Storage

For best shelf life store this product in a dry area at normal ambient temperatures.

Minimum shelf life is 2 years from the date of shipping when properly stored.

Safety

Hazards

The product does not require a hazard warning label according CLP regulation (Regulation (EC) No. 1272/2008, as amended).

For further information please refer to the Material Safety Data Sheet.

Contact Us;

Please contact us for safety and regulatory details or the Material Safety Data Sheet (MSDS).

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