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Additives and Adsorbents

Licowax® PE 520 fine grain

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Polyethylene/-propylene copolymer wax

Product Description

Licowax PE 520 fine grain is a medium-molecular weight, non-polar copolymer wax.

Benefits

- Excellent anti-sticking properties when used in PVC melts
- Improved flow of PE compounds
- Effective dispersing agent for PE Masterbatch applications
- Provides excellent organoleptic properties, brilliant dispersing properties for pigments, fillers and additives as well as thermal stability and color stability
- Excellent rub and scratch resistance properties
- Effective matting agent in wood coatings
- FDA approved

Specifications

Delivery Specifications and (*) General Properties

Characteristics	Unit	Target value	Test method
Appearance		white fine grain	QM-AA-634
Drop point	[°C]	117 - 123	ASTM D 3954
Density (23°C)	[g/cm ³]	0.92 - 0.94	ISO 1183
*Acid value	[mg KOH/g]	0	ISO 2114
*Viscosity	[mPa·s]	~ 650	DIN 53019 at 140°C

Applications

Licowax PE 520 fine grain is an efficient external lubricant for rigid PVC applications, providing excellent anti-sticking properties to the PVC melt, resulting in a smooth and glossy surface of the end article. As well it can be used as an internal lubricant for polyolefins providing flow improvement of PE compounds and as an release agent for elastomers and rubber applications.

It is also an effective dispersing agent for PE masterbatch applications, providing excellent organoleptic properties, brilliant dispersing properties for pigments, fillers and additives as well as thermal stability.

Licowax PE 520 fine grain can be used in hotmelt adhesives as viscosity modifier. Depending on the dosage, open and set time can be adjusted.

It can also be used as a wax compound in printing inks to provide rub and scratch resistance as well as a slip modification additive. It is especially recommend for offset printing inks.

Packaging and Handling

Delivery form

Fine grain

The product is also available in other physical forms.

Packaging

Paper bag 20 kg
 Pallet 800 kg (40 bags)
 Polyethylene bag 20 kg
 Pallet 1000 kg (50 bags)
 Paper bag 25 kg
 Pallet 1000 kg (40 bags)
 Big Bag 500 kg
 Big Bag 800 kg

Storage

For best shelf life, store this product in a dry area at normal ambient temperatures. Minimum shelf life is two years form 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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