

Licowax PE 520 powder

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Polyethylene wax

Product-No.: 105195 **CAS-No.:** [9002-88-4] **Version:** 9

Product Description

Polyethylene wax

Delivery specifications and (*) general properties

Characteristics	Unit	Target value	Test method
Appearance		white powder	QM-AA-634
Acid value	[mg KOH/g]	0	ISO 2114
Drop point	[°C]	117 - 123	ASTM D 3954
*Viscosity	[mPa·s]	~ 650	DIN 53019 at 140°C
*Density (23°C)	[g/cm ³]	~ 0,93	ISO 1183

Delivery form

Powder
The product is also available in other physical form(s)

Packaging

Paper bag 25 kg
Pallet 1000 kg (40 bags)
Big Bag 500 kg
Big Bag 1000 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.

Main applications

Licowax PE 520 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 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.

Status under food legislation

EU: Listed in Annex I, Table 1 of Commission Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food (No SML).
FDA: 21 CFR §§ 177.1520 (c) 2.3., 175.300, 175.105, May be safely

used as a component of non-food articles in contact with food according to 178.3720

Declarations regarding the requirements and specifications of several regulations and standards are available including: Directive 2011/65/EU (RoHS), CONEG's "toxics in packaging", EN 71-3 ("safety of toys – migration of certain elements"), Directive 94/62/EC ("packaging and packaging waste").

For further information please contact your Clariant representative.

Hazards

The product does not require a hazard warning label according to the German federal regulations of hazardous substances (GefStoffV).
For further information please refer to the material safety data sheet.

Ecological and toxicological properties

Acute oral toxicity LD50: >2000 mg/kg (rat)
Not soluble in water
No harmful effects to fish and bacteria.

For all specifications, deliveries and services the following applies:

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