



Product Data Sheet - Waxes

Business Unit Additives

# Licowax PE 130 granules

Edition 11.11.2013

## High density polyethylene wax

Product-No.: 187635      CAS-No.: [9002-88-4]      Version: 6

### Product Description

High density polyethylene wax

### Delivery specifications and (\*) general properties

Characteristics	Unit	Target value	Test method
Appearance		white granules	QM-AA-634
Acid value	[mg KOH/g]	0	ISO 2114
Saponification value	[mg KOH/g]	0	ISO 3681
Drop point	[°C]	127 - 132	ASTM D 3954
*Viscosity	[mPa·s]	~ 350	DIN 53019 at 140°C
*Density (23°C)	[g/cm <sup>3</sup> ]	~ 0,97	ISO 1183

### Delivery form

Granules  
The product is also available in further physical form(s)

### Packaging

Paper bag 25 kg  
Pallet 1000 kg (40 bags)  
Big Bag 1100 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 130 is an external lubricant especially for rigid PVC applications. It provides excellent anti-sticking properties to the PVC melt resulting in a smooth and glossy surface of the end article. Licowax PE 130 is also an internal lubricant for polyolefins providing flow improvement of PE compounds and can be used as a dispersing aid for polyolefin masterbatch application. Another application for Licowax PE 130 is that it adjusts viscosity, open and set time in hotmelt adhesives. 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.

### Status under food legislation

EU: All components 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 §§ 175.105, 175.300, 177.1520 (c) 2.1, 2.2, 2.3 (further notifications available).  
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.

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#### **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)  
Insoluble in water  
No harmful effects to fish and bacteria

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For all specifications, deliveries and services the following applies:

[Disclaimer](#)

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