



Product Data Sheet - Waxes

Business Unit Additives

# Licocene PE 4201 granules

Edition 15.05.2013

## Metallocene catalyst based polyethylene wax

Product-No.: 186154 CAS-No.: [9002-88-4] Version: 5

### Product Description

Polyethylene wax

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

Characteristics	Unit	Target value	Test method
Appearance		white granules	QM-AA-634
Drop point	[°C]	125 - 130	ASTM D 3954
Viscosity	[mPa·s]	40 - 80	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 other physical form(s)

### Packaging

Big Bag 900 kg  
Polyethylene bag 20 kg  
Pallet 500 kg (25 bags)

### 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

Additive for EPS-production; improves rub resistance of printing inks; acts as anti-offset agent for electrophotographic toners; modification of hot melt adhesives

### 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 (for further information please contact Clariant).  
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.

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**Ecological and toxicological properties**

Acute oral toxicity LD50: >2000 mg/kg (rat)  
Insoluble in water  
No harmful effects to fish and bacteria  
The product has not been tested. The statements are derived from products with similar composition.

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For all specifications, deliveries and services the following applies:

[Disclaimer](#)

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