



Exactly your chemistry.

Product Data Sheet - Waxes

Pigments & Additives Division

Licowax PED 521 Granules

Edition 04.06.2009

Oxidized polyethylene wax

Product-No.: 105216 CAS-No.: [68441-17-8] Version: 2

Product Description

Oxidized, high density polyethylene wax

Delivery specifications and (*) general properties

Characteristics	Unit	Target value	Test method
Appearance		almost white granules	QM-AA-634
Acid value	[mg KOH/g]	15-19	ISO 2114
Density (23°C)	[g/cm ³]	0,94-0,96	ISO 1183
Drop point	[°C]	101-106	ISO 2176
*Viscosity	[mPa·s]	~ 350	DIN 53 018 at 120 °C

Delivery form

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

Packaging

Paper 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.

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.

Main applications

Dispersions for textiles leather paper and polishes. Improvement of the rheological behaviour of laquers and coatings. Modification of hotmelts and release agents for various applications.

Status under food legislation

BgVV recommendations I, II, V, VI, XXXIV
EC list of additives
FDA: §§ 172.260, 175.105, 177.1620.
The product fulfils the requirements of EU-Directive 94/62/EC and the CONEG legislation that means, the cumulative content of Cd, Pb, Hg and Cr(VI) does not exceed 100ppm.

Ecological and toxicological properties

Acute oral toxicity LD50: >2000 mg/kg (rat)
The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

For all specifications, deliveries and services following
DISCLAIMER applies: [Disclaimer](#)

Clariant - www.clariant.com - Pigments & Additives Division -
www.pa.clariant.com

Contact: pa.plastics@clariant.com