

Licowax PED 153

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English



Product Data Sheet - Waxes

Pigments & Additives Division

Licowax PED 153

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Oxidized polyethylene wax

Product-No.: 105229 CAS-No.: [68441-17-8] Version: 3

Product Description

Oxidized, high density polyethylene wax

Delivery specifications and (*) general properties

Characteristics	Unit	Target value	Test method
Appearance		almost white flakes	QM-AA-634
Acid value	[mg KOH/g]	22 - 27	ISO 2114
Drop point	[°C]	117 - 122	ISO 2176
*Viscosity	[mPa·s]	~ 1500	DIN 53019 at 140°C
*Density (23°C)	[g/cm³]	~ 0.98	ISO 1183

Delivery form

Flakes

Main applications

Dispersions for textiles leather paper and polishes modification of hotmelts and release agents for various applications.

Packaging

Paper bags 20 kg
 Pallets 800 kg (40 bags)
 Big Bags 600 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.

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 (SML = 60 mg/kg). Listed in Directive 95/2/EC (on food additives other than colours and sweeteners) under E 914.
 FDA: 21 CFR §§ 175.105, 176.200, 176.210, 177.2800
 In fully compliance with all applicable parts of following regulations: CONEG, EN 71-3 (safety of toys – migration of certain elements), Directive 2002/95/EC (RoHS), Directive 2000/53/EC (end-of life vehicles), Directive 94/62/EC (packaging and packaging waste)

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
 Phys. chem. eliminability: >95%
 By analogy with a product of similar composition.

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