

Licowax OP flakes

Edition 11.11.2013

Partly saponified, ester wax

Product-No.: 105206 CAS-No.: Version: 5

Product Description

Partly saponified, ester wax

Delivery specifications and (*) general properties

| Characteristics | Unit | Target value | Test method |
|----------------------|------------|------------------|--------------------|
| Appearance | | yellowish flakes | QM-AA-634 |
| Acid value | [mg KOH/g] | 9 - 14 | ISO 2114 |
| Saponification value | [mg KOH/g] | 102 - 122 | ISO 3681 |
| Drop point | [°C] | 96 - 102 | ISO 2176 |
| *Viscosity | [mPa·s] | ~ 300 | DIN 53019 at 120°C |
| *Density (23°C) | [g/cm³] | ~ 1,02 | ISO 1183 |

Delivery form

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

Packaging

Polyethylene bag 20 kg
Pallet 1000 kg (50 bags)
Big Bag 450 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

Lubricant for plastics: PVC and engineering resins like polyamides, polyesters and their masterbatches. It is also used for re-inforced polypropylene compounds, for thermoplastic elastomers and thermosets.
Excellent paste forming properties and solvent-binding capacity with organic hydrocarbon solvents for hard pasty polish products.

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 § 178.3770 (a) and (c)
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)
Biol. degradability OECD 301D: ca. 22%
Fish toxicity LC50: >10 g/l (96 h)
Bacteria toxicity EC50: >10 g/l (OECD 209)

For all specifications, deliveries and services the following applies:

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