



Print this page Advanced Surface Solutions

Additives

Licolub® WE 60 flakes

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Ester of fatty acids

Product Description

Licolub WE 60 flakes is a fatty acid of polyols.

Benefits

- Very good balance of internal and external lubrication to improve polymer melt flow which enables the production of geometrically complex parts.
- Excellent external lubrication properties prevent polymer melt sticking, e.g. when releasing injection molded parts from mold, resulting in smoother surfaces of injection molded parts.
- Amorphous polymers like Polycarbonate (PC) and Poly methylmethacrylate (PMMA) maintain their transparency if Licolub WE 60 flakes is dosed at 0.2 - 0.5%.
- High thermostability enables colour consistency and operational stability.
- Low acid value results in stable impact physicals.

Specifications

Delivery Specifications and (*) General Properties

Characteristics	Unit	Target Value	Test Method
Appearance		white flakes	QM-AA-634
Drop point	[°C]	55 - 65	ISO 2176
Acid value	[mg KOH/g]	max. 10	ISO 2114
Saponification value	[mg KOH/g]	180 - 210	ISO 3681
*Viscosity	[mPa·s]	~ 13	DIN 53019 at 100°C
*Density (23°C)	[g/cm³]	~ 0,99	ISO 1183

Application

Licolub WE 60 flakes is a highly effective lubricant consisting of renewable raw material that enables trouble-free processing (injection molding and extrusion) of engineering plastics like PC, PET, PBT, POM or PMMA. It enables desirable properties in the end product like surface smoothness, mechanical strength and color stability in end applications like automotive and E&E. Recommended dosage 0.2 - 1.0%.

Packaging and Handling

Delivery form

Flakes

Packaging

Polyethylene bag 20 kg
Pallet 1000 kg (50 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.

Safety

Hazards

The product does not require a hazard warning label according CLP regulation (Regulation (EC) No.1272/2008, as amended).
For further information please refer to the Material Safety Data Sheet.

Contact Us;

Please contact us for safety and regulatory details or the Material Safety Data Sheet (MSDS).

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