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Additives

Licocare® RBW 300 powder TP

Modified natural wax

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Product Description

Licocare RBW 300 powder TP is a partially saponified wax based on renewable resource.

Benefits

- Excellent external and internal lubricant in engineering plastics and biopolymers like PLA
- Excellent thermal stability
- Low volatility
- Very effective at low concentrations
- Excellent dispersion of fillers and pigments
- Fully renewable based product

Specifications

General Properties

Characteristics	Unit	Target value	Test method
Appearance		slightly yellowish powder	QM-AA-634
Acid value	[mg KOH/g]	~ 10	ISO 2114
Drop point	[°C]	~ 102	ISO 2176
Saponification value	[mg KOH/g]	~ 74	ISO 3681
Density (23°C)	g/cm ³	~ 1.00	ISO 1183
Viscosity	[mPa·s]	max. 100	DIN 53019 at 120°C
Calcium content	[%]	~ 1.5	DGF M-IV 4

Applications

Plastics, lubricant especially for injection molding of engineering resins providing excellent release.

Packaging and Handling

Delivery form

Powder

The product is also available in other physical form.

Packaging

Polyethylene bag 20 kg

Pallet 100 kg (5 bags)

Storage

For best shelf life store this product in a dry area at normal ambient temperatures.

Minimum shelf life is two years from the date of shipping when properly stored.

EcoTain®

Products that offer outstanding sustainability advantages are awarded Clariant's EcoTain® label. EcoTain® products significantly exceed sustainability market standards, have best-in-class performance and contribute overall to sustainability efforts of the company and our customers. Find out more about: [EcoTain®](#).

PEOPLE

Safe use, transparency and information

- No hazard labels.

Addressing megatrends and social needs

- Contributes to improving the rice value chain.

PLANET**Raw materials and sustainable sourcing**

- Use of non food-competing side stream of rice production.
- 100% renewable carbon content.

Resource efficiency and environmental protection

- Reduced energy consumption in production compared to similar fossil based products.

PERFORMANCE**Integrated sustainable business**

- Multifunctional product: works as lubricant in plastics, as solvent binder and paste builder in polish & care applications and as rub resistance improver in printing inks.

Performance advantages

- Highly effective lubrication and dispersion properties in engineering plastics.
- High processing stability and low volatility at elevated temperatures.
- Excellent paste forming & solvent retention.
- Improved rub resistance in printing inks.

Safety**Hazards**

The product does not require a hazard warning label according CLP regulation (Regulation (EC) No. 1272/2008, as amended).

Contact Us;

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

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