



Print This Page Polymer Solutions

BU Additives and Adsorbents

Licocare® RBW 560 powder TP Vita

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Modified Natural Wax

Product Description

Licocare RBW 560 powder TP Vita is a high-performing additive based on renewable, non-food competing feedstock that provides a unique combination of lubrication and nucleation in engineering plastics, particularly in polyester compounds formulated for use in the E&E-, packaging-, medical- or transportation industries. Given its favorable chemical structure, Licocare RBW 560 powder TP Vita shows excellent thermal stability and favorable migration characteristics in the finished product.

In addition to the excellent nucleation effect of the Licocare RBW 560 powder TP Vita, this product also has outstanding lubrication and mold release effects. Licocare RBW 560 powder TP Vita is effective at concentrations of 0.1 - 0.5% in polyester.

See here for more details about Licocare® RBW [for Plastics](#) and [for Coatings and Inks](#).

Benefits

- Higher output due to reduced Cycle Times in injection molding of PET and PBT
- Excellent thermal stability and low volatility for lower emissions
- Very effective at low concentrations
- Outstanding lubrication and mold-release effect
- Bio based Feedstock for reduced Carbon Footprint

Specifications

General Properties

Characteristics	Unit	Target value	Test method
Appearance		yellowish powder	QM-AA-634
Acid value	[mg KOH/g]	~ 3	ISO 2114
Sodium content	[%]	~ 5	QM-AA-363

Applications

Combined nucleating and lubricating agent especially for all types of polyester.
 Cycle time reduction in injection molding.
 Increases degree of crystallinity and therefore the mechanical properties.
 Effective internal and external lubricant for engineering resins enhancing melt flow and external release.

Packaging and Handling

Delivery form

Powder

Packaging

Paper bag 15 kg
 Pallet 525 kg (35 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.

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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