



Product Data Sheet - Waxes

Additives

Licocene® PP 1602 granules

Edition Date March 25, 2015 Edition Number 11

Amorphous metallocene propylene-ethylene-copolymer wax

Product Description

Licocene PP 1602 granules is a low melting, metallocene-technology based propylene-ethylene copolymer wax, which exhibits a low degree of crystallinity.

Benefits

- Excellent adhesion properties for leather and shoe care
- Perfect fit for the modification of hot melt adhesives
- Combines superior adhesion properties with insignificant residual tack

Specifications

Delivery Specifications and (*) General Properties

Characteristics	Unit	Target value	Test method
Appearance		white granules	QM-AA-634
Viscosity	[mPa·s]	5000 - 7000	DIN 53019 at 170 °C
Softening point	[°C]	85 - 91	ASTM D 3104
*Density (23°C)	[g/cm ³]	~ 0,87	ISO 1183

Applications

Licocene PP 1602 granules is an amorphous low molecular weight propylene-ethylene-copolymer wax. Dispersed in water, or solvents it offers excellent adhesion properties for leather and shoe care providing a very flexible coating with enhanced water resistance.

The low viscosity, end excellent wetting behavior of Licocene PP 1602 granules makes it a perfect fit as a backbone polymer for hot melt adhesives. Unlike other polymers, Licocene PP 1602 granules shows superior adhesion properties combined with insignificant residual tack and improved cohesion. It is also a ready to use hot melt polymer for textile and non-woven applications where a soft hand is crucial.

Used as a carrier for Masterbatches, Licocene PP 1602 granules guaranties high loadings and an outstanding dispersion of the additives being used.

Processing aid for polyolefins.

Packaging and Handling

Delivery form

Granules

Packaging

Pallet 750 kg (50 bags)

Polyethylene bag 15 kg

Big Bag 800 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.

Safety and MSDS

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.

www.clariant.com

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. Clariant makes no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of Clariant's products for its particular application.



Clariant International Ltd



* Nothing included in this information waives any of Clariant's General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing Clariant products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact Clariant.

* For sales to customers located within the United States and Canada the following applies in addition: No express or implied warranty is made of the merchantability, suitability, fitness for a particular purpose or otherwise of any product or service.

© Trademark of Clariant registered in many countries.
® 2013 Clariant International Ltd