



# VISCOWAX® 135

PE-Wax

CAS: 9002 - 88 - 4

VISCOWAX® 135 – high quality polyethylene wax

Characteristics	Reference Value	Units	Test Method
Viscosity @ 140°C *	400 - 500	mm <sup>2</sup> /s	DGF M-III 8
Drop Point *	103 - 111	°C	DGF M-III 3
Solidification Point	94 - 102	°C	DGF M-III 4a
Needle Penetration	≤ 4	10 <sup>-1</sup> mm	DGF M-III 9b
Density	0.91-0.93	g/cm <sup>3</sup>	DIN EN ISO 1183, C
Type of delivery	Fine grain	-	Visual
Appearance	White	-	Visual

\* general supply specification

DGF: Test methods of the Deutsche Gesellschaft für Fettwissenschaft e.V. Münster i.W.

VISCOWAX® 135 can be used in many different applications. Please contact us for more information about the special properties of our product and the potential use / advantage in your application.

## Main scope of applications and effects:

- Plastic processing
  - Lubricant for PVC processing
  - Carrier material and dispersing aid in pigment and additive concentrations / Masterbatches
- Printing Inks
  - Abrasion prevention
  - Antiblocking
- Lacquers and varnishes
  - Matting agent
  - Abrasion prevention
  - Rheology additive
  - Lubricant and scratch resistance for powder coatings
- Hot melt adhesives,  
Paraffin compounds,  
Candles
  - Adjustment of viscosity, softening point and drop melting point
- Shoe and floor polishes
  - Surface protection and sealing
  - Care
  - Gloss



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### Status under Food Legislation

VISCOWAX® 135 has been licensed for the manufacture of consumer goods for the contact with food in several cases.

- EU:  
Regulation (EU) 10/2011
- USA:  
FDA CFR 21 §§ 175.105, 175.125,  
175.300, 175.320, 176.170, 176.180,  
176.200, 176.210, 177.1520 (c) 2.3,  
177.1200, 177.2600, 178.3720

For further information please contact us under the below mentioned address.

### Safety and Environment

VISCOWAX® 135 has not been classified as hazardous materials in accordance with the Regulation (EC) No. 1272/2008 (CLP/GHS) and therefore it does not require marking.

Please refer to our Safety Data Sheet for further safety relevant information.

### Form of Delivery, Packaging and Storage

VISCOWAX® 135 is shipped as dust-free powder either in PE bags of 25 kg net or in big bags of 500 kg or 1000kg net.

The product shall be stored in its original packaging at room temperature in a dry place. It must not be stored together with amines. Avoid direct sun radiation and water contact.

Please do not hesitate to contact us for further details.

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Leuna, January 2018

The general points listed correspond to our current knowledge and have been elaborated to the best of our belief and under consideration of professional care. Herewith, we do not guarantee definite properties nor suitability for a particular application. It is the customer's duty to particularly check suitability of the product for the use intended.