



VISCOWAX® 145 Granules

PE-Wax

CAS: 9002 - 88 - 4

VISCOWAX® 145 Granules— highly branched, amorphous polyethylene wax

Characteristics	Reference Value	Units	Test Method
Viscosity @ 140°C *	400 - 500	mPas	DGF M-III 8
Drop Point *	80 - 85	°C	DGF M-III 3
Solidification Point	65 - 70	°C	DGF M-III 4a
Needle Penetration @ 25°C	25 - 40	10 ⁻¹ mm	DGF M-III 9b
Density	0.88-0.90	g/cm ³	DIN EN ISO 1183, C
Type of delivery	Granules	-	Visual
Appearance	White	-	Visual

* general supply specification

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

VISCOWAX® 145 Granules 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:

Hotmelt adhesives	Viscosity adjustment, adhesion improver, compatibilizer, adjustment of open and setting time
Compounds	Compatibilizer, High filler absorption
Masterbatches	Wetting and dispersing aid with high pigment absorption
Coatings	Rheological additive, Anti-settling additive
Candles	Viscosity adjustment, heat standability
Paraffin compounds	Viscosity and melting point adjustment, oil retention



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Status under Food Legislation

VISCOWAX® 145 Granules 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® 145 Granules 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® 145 Granules is shipped as dust-free Granules either in PE bags of 25 kg net or in big bags of 600 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.

Innospec Leuna GmbH
Am Haupttor, Bau 6310
D-06237 Leuna, Germany
Tel.: +49(0)3461-434065
Fax : +49(0)3461-434070
E-mail: leuna@innospecinc.com
www.innospecinc.com

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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.