



VISCOWAX® 343

EVA-Wax

CAS Number: 24937 - 78 - 8

VISCOWAX® 343 – high quality non-oxidised ethylene vinyl-acetate copolymer wax

Characteristics	Reference Value	Units	Test Method
Vinyl acetate content *	13-16	%	FTIR
Viscosity @ 140 °C *	300-500	mm ² /s	DGF M-III 8
Drop Point *	90-100	°C	DGF M-III 3
Solidification Point	80-90	°C	DGF M-III 4a
Needle Penetration	≤ 12	10 ⁻¹ mm	DGF M-III 9b
Density	0.93-0.95	g/cm ³	DIN EN ISO 1183, C
Molecular weight (Mn)	2300	g/mol	GPC
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.

Main Scope of Application

- **Masterbatches**
 - Carrier material and dispersing aid in pigment and additive concentrations
- **Lacquers and Varnishes**
 - Antisettling agent in metallic lacquers for pigment orientation
- **Paraffin compounding, candles industry**
 - Improved elasticity
 - Improved burning behaviour if used as wick wax
- **Hotmelts**
 - Viscosity adjustment and improvement of flexibility and tack



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Status under Food Legislation

VISCOWAX® 343 complies with the following FDA rules:

USA: FDA CFR 21 §§ 177.1350, 175.105, 175.300, 176.170, 176.180, 177.1210

Form of Delivery, Packaging and Storage

VISCOWAX® 343 is shipped palletised (preferably 750 kg each) and shrink-wrapped as dust-free powder in PE sacks of 25 kg each. Shipment in big bags of different sizes is possible upon request.

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.

Safety and Environment

VISCOWAX® 343 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. The product does not contain heavy metals. It is insoluble in water and has no harmful effect on fish and bacteria. Disposal of the product is to be carried out in accordance with the local regulations. Please refer to the Safety Material Data Sheet for further safety-relevant information.

Please do not hesitate to contact us for further details.

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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.