

# VINNEX<sup>®</sup> 8880

## Polymer Resins

VINNEX<sup>®</sup> 8880 is an innovative compound based on a vinyl acetate/vinyl laurate copolymer and polyvinyl acetate.

## Properties

VINNEX<sup>®</sup> 8880 is a colorless, tasteless and odorless thermoplastic resin in dosable form and can be melted easily.

## Technical data

### Specification

Property	Condition	Value	Method
Free Acetic Acid	-	max. 0.05 %	specific method
Residual monomer (vinyl acetate)	-	max. 5 ppm	FCC
Residual monomer (vinyl laurate)	-	max. 100 ppm	specific method

## General Characteristics

Property	Condition	Value	Method
Appearance	-	solid, colorless beads	Visual
Glass transition temperature	-	approx. 21 °C	DSC (DIN 53765 / ISO 11357-5)
Loss on drying	-	max. 1.0 %	FCC
Melt viscosity	-	46.6	MFR (ccm/10min; 100°C; 2, 16 kg)

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be downloaded via WACKER web site <http://www.wacker.com>.

## Applications

- Additives for Biopolymers

## Application details

VINNEX® 8880 is recommended for transparent films and injection molding applications. It is a flexible polymer with a low melt viscosity in thermoplastic processing. It shows excellent compatibility with Biopolyesters like PLA. The melt viscosity and the metallic noise of the PLA film will be significantly reduced. In combination with PLA the processing temperature needs to be lowered. The typical level of VINNEX 8880 for modifying PLA is in the range of 5 to 40 %.

### Additional information

Food contact regulations VINNEX 8880 is in compliance with EU:

Regulation (EU) No 10/2011

Regulation (EU) No 321/2011

Regulation (EU) No 1183/2012

Regulation (EU) No 202/2014

Further information is available upon request.

### Additional information

If the product is used in applications other than those mentioned, the choice, processing and use of the product is the sole responsibility of the purchaser. All legal and other regulations must be complied with.

For questions concerning food contact status according the chapter 21 CFR (US FDA) and German BfR, please feel free to contact us.

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## Packaging and storage

### Packaging

VINNEX® 8880 is delivered in 25 kg bags.

### Storage

To prevent caking VINNEX® 8880 should not be stored at temperatures above 15°C. Storage conditions must be dry; material must be protected from direct sun exposure.

Under these conditions the product has a shelf life of 12 months.

## Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

## QR Code VINNEX® 8880



### For technical, quality or product safety questions, please contact:

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