

# VINNEX<sup>®</sup> 2504

## Dispersible Polymer Powders

VINNEX<sup>®</sup> 2504 is a vinyl acetate / ethylene copolymer powder. Because of its relatively high ethylene content, this resin is soft and flexible. Its glass transition temperature is below freezing point.

## Technical data

### Specification

| Property       | Condition | Value                       | Method          |
|----------------|-----------|-----------------------------|-----------------|
| Bulk density   | -         | 400 - 550 kg/m <sup>3</sup> | DIN EN ISO 60   |
| Ash content    | 1000 °C   | max. 12 wt. %               | specific method |
| Particle size  | > 400 µm  | max. 4 %                    | DIN EN ISO 4610 |
| Solids content | -         | min. 98 wt. %               | DIN EN ISO 3251 |

## General Characteristics

| Property                               | Condition | Value                       | Method |
|--|-----------|-----------------------------|--------|
| Appearance                             | -         | white to light beige powder | Visual |
| Protective colloid / emulsifier system | -         | polyvinyl alcohol           | -      |

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.

## Applications

- Additives for Biopolymers
- PBS Applications
- PHA/PHB Applications
- PLA Applications

## Application details

Typical applications for VINNEX® 2504:

blending with natural fibres or flour such as wood, starch and cork. It is highly recommended for the modification of biopolymers and their compounds.

### Processing

The temperature range in a thermoplastic process in a highly filled system is from 100°C to 150°C. External lubricants like Ca-stearate or Zn-stearate are highly recommended.

## Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. These are available on request from WACKER sales offices or may be downloaded from the WACKER Web site [www.wacker.com/hexiva](http://www.wacker.com/hexiva).

## Packaging and storage

### Packaging

25 kg paper bags Bulk on request.

### Storage

During storage, protect the product from contact with moisture. Prolonged storage at temperatures above 30 °C, especially in combination with pressure, humidity or exposure to sunlight, may result in blocking. Carefully seal any open containers and store them under suitable conditions. We recommend storing the product in a warehouse that provides cool and dry conditions. Do not store the product for more than six months, starting from the date at which it was received, unless the Certificate of Analysis contains a different date, which would take precedence. If the product is stored longer than recommended, it may still be used but users are advised to verify the properties required for the intended use.

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## QR Code VINNEX® 2504



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

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