

VINNEX[®] eco 2504 (XX MB)

Dispersible Polymer Powders

VINNEX[®] eco 2504 (XX MB) 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.

VINNAPAS[®] eco is a fossil resources saving product, where a specific share of the fossil-based raw materials required for manufacturing of this product can be replaced by certified sustainable renewable feedstock. The substitution is based on the REDcert² mass balance approach, audited by an independent third party.

The exact amount of fossil raw material replaced depends on the selected product version and is specified in the corresponding certificate. Please contact your WACKER representative or visit the product page on the WACKER website www.wacker.com for additional information regarding WACKER's products or sustainability efforts, including mass balance.



Technical data

Specification

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

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.

Application details

Typical applications for VINNEX® eco 2504 (XX MB):

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.

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.

Safety notes

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QR Code VINNEX® eco 2504 (XX MB)



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

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The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.