

NEXIVA® 121

Dispersible Polymer Powders

NEXIVA® 121 is a flexible dispersible polymer powder based on vinyl acetate and ethylene. It is designed as a general binder for a variety of application in various industries.

Properties

NEXIVA® 121 provides the following advantages to manufacturers:

- Biocide free binder.
- Allows for the formulation of powder based products.
- No organic solvents, plasticizers, film forming agents.
- Easier storage.
- Low odor.
- No skinning.
- Contains a fine mineral filler as an antiblocking agent.
- Better workability in severe climatic conditions.

Technical data

Specification

Property	Condition	Value	Method
Solids content	-	min. 98 %	DIN EN ISO 3251
Bulk density	-	405 - 555 kg/m ³	DIN EN ISO 60
Powder color L:	-	85 - 100	DIN 6174
Powder color a:	-	-2 - 2	DIN 6174
Powder color b:	-	0 - 12	DIN 6174

General Characteristics

Property	Condition	Value	Method
Minimum film forming temperature	-	0 °C	DIN ISO 2115
Filler compatibility	-	good	-
Odour	-	neutral	-

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

- Powder Paints

Application details

Application

Due to its adequate binding power and good re-dispersibility in water, NEXIVA® 121 is recommended as binder for various applications such as interior architectural paints, intumescent coatings and primers.

Processing

For the production of dry products, such as powder paints, NEXIVA® 121 can simply be added into the dry mixture. For the production of ready-to-use paint, we recommend adding NEXIVA® directly to the mill base, just as is the case with the filler. After the powder is mixed with water, it should ideally be applied immediately. It may be necessary to add biocides to the water-mixed powder if the powder has not been used for a prolonged period of time before application.

Additional information

If the product is used in applications other than those mentioned, the choice, processing and use of it is the sole responsibility of the purchaser. All legal and other regulations must be complied with.
Slight color variations of the polymer granulate may occur without impairing the product's functionality.

Packaging and storage

Packaging

25 kg paper bags

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

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/nexiva.

QR Code NEXIVA® 121



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

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