

# NEXIVA<sup>®</sup> 225 (NJG)

## Dispersible Polymer Powders

NEXIVA<sup>®</sup> GP 225 (NJG) is a hard dispersible polymer powder based on vinyl acetate and ethylene. It is designed as a general binder for a variety of application in various industries such as Coatings and Adhesives but not limited to use.

### Properties

- Biocide free binder
- Allows for the formulation of powder based products
- No organic solvents, plasticizers, film forming agents need in formulations
- Easier storage, no silo needed.
- Low odor
- No skinning compared to liquid binders
- Contains a fine mineral filler as an antiblocking agent
- Better workability in extreme climatic conditions

## Technical data

### Specification

| Property          | Condition | Value                       | Method          |
|-------------------|-----------|-----------------------------|-----------------|
| ash content       | 1000 °C   | max. 13 %                   | specific method |
| solids content    | -         | min. 98 %                   | EN ISO 3251     |
| Bulk density      | -         | 490 - 590 kg/m <sup>3</sup> | 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       |
| Minimum film forming temperature       | -         | 4 °C                        | DIN ISO 2115 |
| 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

### Application

NEXIVA® GP 225 (NJG) is recommended as binder for various applications for example interior architectural paints, intumescent coatings and primers due to its adequate binding power and good re-dispersibility in water.

### Processing

For the production of dry products, NEXIVA® GP 225 (NJG) can be mixed into the dry mixture. For the production of ready-to-use paint, we recommend adding NEXIVA® GP 225 (NJG) 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

### 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/vinnapas](http://www.wacker.com/vinnapas).

### QR Code NEXIVA® 225 (NJG)



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

**Wacker Chemie AG**, Hanns-Seidel-Platz 4, 81737 Munich, Germany  
[productinformation@wacker.com](mailto:productinformation@wacker.com), [www.wacker.com](http://www.wacker.com)

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