# PRODUCT INFORMATION

## ®Vinnolit E 69 VS

### Vinnolit E 69 VS GreenVin®
### Vinnolit E 69 VS GreenVin® bio-attributed

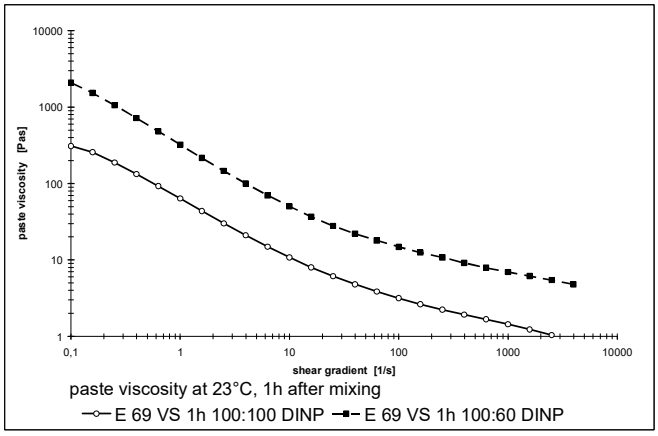
PVC for paste application

## Brief Description

®Vinnolit E 69 VS is a very fine particle paste-making emulsion homopolymer with medium emulsifier content.

Plastisols exhibiting a very high initial viscosity, a high yield point and a strong pseudoplastic flow behaviour with medium plasticiser contents (see diagram).

®Vinnolit E 69 VS shows excellent foaming properties (white, high foams, closed cell structure) in chemically blown foams specially for artificial leather constructions. In compact applications the material is perfectly useful for printing inks and for rheology modification (e.g. in underbody coatings or textile coatings).




| RAW MATERIAL PROPERTIES | TYPICAL VALUE* | UNIT | TEST METHOD | |
|---|---|---|---|---|
| | | | DIN EN ISO | ISO |
| K-value | 68 | - | 1628-2 | 1628-2 |
| Particle size distribution: sieve retention<br>• retained on 0.063 mm screen | ≤ 0.05 | % | 53195 | - |
| Volatile matter | ≤ 0.3 | % | 1269 | 1269 |
| Emulsifier content | medium | - | - | - |

* The values given above are **typical** test results which should be used as a guide only. They do not form the whole or part of a specification or guarantee.

®Vinnolit = registered trademark of Westlake Vinnolit GmbH & Co. KG, Germany

## Processing and Application

Plastisols based on ®Vinnolit E 69 VS can be applied by all commonly used coating techniques.

®Vinnolit E 69 VS is recommended for the manufacture of foams or high viscos compact films.

Outstanding **properties** of ®Vinnolit E 69 VS are:

- High paste viscosity with pseudoplastic rheology
- Remarkable yield point with good resilience
- Excellent foaming characteristics with good expansion ratio and fine closed cell structure
- Very high powder fineness
- Very good whiteness

The **main applications** are:

- High plasticiser containing compact or chemically blown coatings in high quality soft synthetic leather constructions (e.g. for upholstery)
- Artificial leather constructions (all types)
- Compact or chemically foamed coatings applied by direct or transfer coating onto wide mesh or open weave net type natural or synthetic fabrics
- Printing ink applications/formulations
- Rheology and adhesive component for underbody coating applications
- Rheology modifier for textile coatings

## Packaging, Delivery and Storage

The product is supplied in 25 kg bags.

®Vinnolit E 69 VS should be stored dry and away from direct or indirect sources of heat. Please consult the safety data sheet for information about the safety precautions necessary for transport, storage, blending and processing.

## General Information

Further processing information and recommendations can be obtained from our Technical Service department.

Vinnolit E 69 VS GreenVin® is produced with 100 % renewable electricity (GOs). Additionally, renewable Ethylene is used for Vinnolit E 69 VS GreenVin® bio-attributed. See GreenVin® info sheet.

*The information and specifications contained in this product information are, to the best of our knowledge, correct at the time of publication. They are intended solely to provide general information about our products and their possible applications and do not constitute an agreement on quality or a guarantee of specific properties or suitability for a particular purpose. Due to the numerous factors beyond our control relating to storage, processing, and combination with third-party raw materials, the customer is obliged to determine the suitability of the product for the intended use by conducting their own tests and trials. The customer is also obliged to check and observe any third-party industrial property rights before use. Our General Terms and Conditions of Sale apply in addition.*

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