PRODUCT INFORMATION

®Vinnolit E 69 VS

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

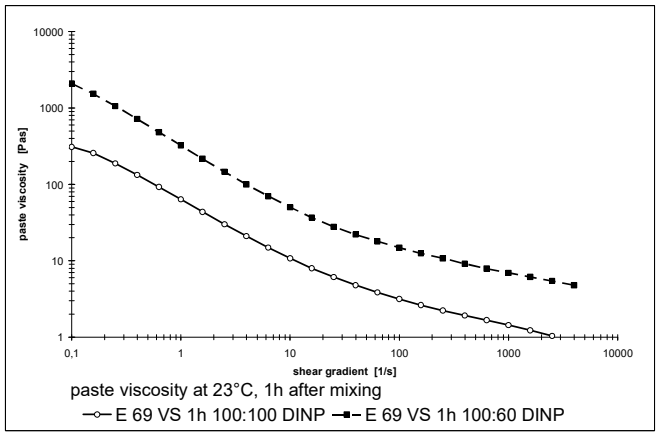
PVC for paste application

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
Reduced viscosity	116	ml/g	1628-2	1628-2
Apparent bulk density	0.340	g/ml	60	60
Particle size distribution: sieve retention • 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.

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.

Ismaning, January 2023

Westlake Vinnolit GmbH & Co. KG
Carl-Zeiss-Ring 25
85737 Ismaning
Germany
Tel.: +49 (0)89 9 61 03-0
Fax: +49 (0)89 9 61 03-103
www.westlakevinnolit.com