

Product Information

Vinnolit

Leadership in PVC

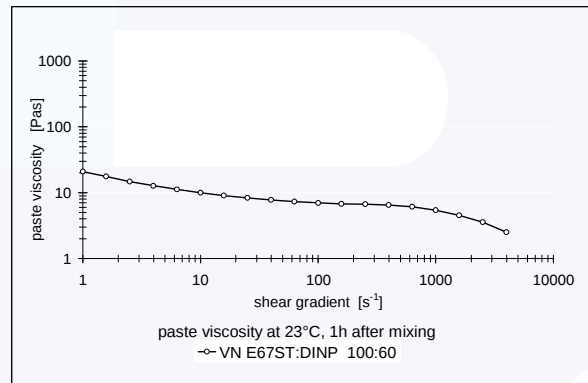
®Vinnolit E 67 ST

PVC for paste application

Brief Description

®Vinnolit E 67 ST is a very fine-particle, paste-making emulsion homopolymer, giving medium viscosity plastisols with a good shelf life. Plastisols made with Vinnolit E 67 ST have a slightly pseudoplastic rheology (see diagram).

Vinnolit E 67 ST exhibits excellent foaming characteristics in chemically blown foams, particularly for screen printing and hot embossing for wall covering manufacturing.



Raw material Properties	Typical Value*	Unit	Test method	
			DIN EN ISO	ISO
K-value	approx. 67	-	1628-2	1628-2
Reduced viscosity	approx. 112	ml/g	1628-2	1628-2
Apparent bulk density	approx. 0.39	g/ml	60	60
Particle size distribution: sieve retention retained on 0.063 mm screen	< 0.35	%	1624	1624
Volatile matter	< 0.5	%	-	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 Vinnolit GmbH & Co. KG, Germany

Product Information

Processing and Application

Plastisols based on Vinnolit E 67 ST can be applied by all commonly used coating techniques.

Vinnolit E 67 ST is recommended for the production of foamed wallcoverings having smooth or structured surfaces.

The product has the following properties:

- outstanding foaming characteristics; low density foams with fine cell structure, even at very high filler content
- medium viscosity at low shear rates with slightly pseudoplastic flow behaviour
- very fine particle size
- foams with good whiteness
- good foam inhibition (eg with benzotriazole)
- low gelling temperature
- good paste deaeratability
- the product is compatible within a wide range of processing variables, with no tendency to overfoaming

Packaging, Delivery and Storage

The product is supplied in 25-kg bags.

Vinnolit E 67 ST 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 or our local representatives.

The data and recommendations contained in this product information represent the current state of our knowledge and serve as a guide only to our products and their potential applications. Therefore, no warranty of specific properties of the products mentioned here in nor of their suitability or fitness for a particular purpose is implied.

The information given in this leaflet 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 used. Patent or other proprietary rights of third parties must be observed. The quality of our products is warranted under the terms of our General Conditions of Sale.

Ismaning, January 2010

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