

Product Information

Vinnolit

Leadership in PVC

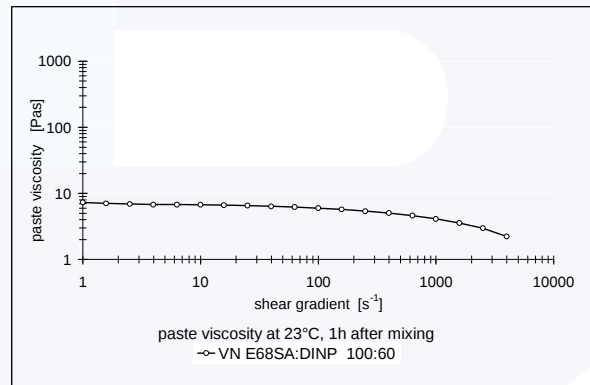
®Vinnolit E 68 SA

PVC for paste application

Brief Description

®Vinnolit E 68 SA is a fine-particle paste-making emulsion homopolymer, classified as a low to medium viscosity resin. Plastics made with Vinnolit E 68 SA exhibit a nearly newtonian rheology (see diagram).

Vinnolit E 68 SA is recommended for the production of chemically blown foams. Typical applications are for example artificial leather cloth, floorings, unsupported foams and foamed wall-coverings.



Raw material Properties	Typical Value*	Unit	Test method	
			DIN EN ISO	ISO
K-value	approx. 68	-	1628-2	1628-2
Reduced viscosity	approx. 116	ml/g	1628-2	1628-2
Apparent bulk density	approx. 0.47	g/ml	60	60
Particle size distribution: sieve retention retained on 0.063 mm screen	< 3	%	1624	1624
Volatile matter	< 0.3	%	-	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.

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Product Information

Processing and Application

Vinnolit Plastisols based on Vinnolit E 68 SA can be applied by all commonly used coating techniques.

Vinnolit E 68 SA is recommended for the manufacture of foams. Noteworthy properties are:

- low to medium viscosity
- excellent foaming characteristics with good expansion ratio and a uniform, fine cell structure, even at high filler loading
- readily blended with Vinnolit C 65 V or Vinnolit C 66 W up to a ratio of 60/40 to obtain rigid or semi-rigid foams without sacrificing cell structure
- very good whiteness
- good paste deaeratability
- wide processing tolerance with no tendency to overfoaming

Packaging, Delivery and Storage

The product is supplied in 25-kg bags.

Vinnolit E 68 SA 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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