

Product Information

Vinnolit

Leadership in PVC

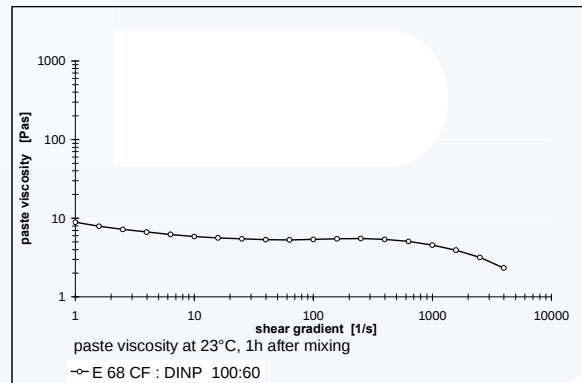
®Vinnolit E 68 CF

PVC for Paste making

Brief Description

®Vinnolit E 68 CF is a fine-particle, paste-making emulsion homopolymer that is readily converted into low-viscosity plastisols with a good shelf life. Vinnolit E 68 CF pastes with medium plasticizer content show nearly newtonian flow over the entire shear range (see diagram).

Vinnolit E 68 CF exhibits outstanding foaming characteristics that are remarkably kicker-independent across a wide range of plasticizer levels to produce semi-rigid as well as flexible products. Apart from compact coatings, its major application is to produce chemically blown foams having a particularly fine cell structure.



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. 0.35	g/ml	60	60
Particle size distribution: sieve retention retained on 0.063 mm screen	< 3	%	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

Pastes based on Vinnolit E 68 CF can be applied by all the usual coating methods such as doctor knife, reverse roll coater or rotary screen. They may also be roto-moulded.

The main applications are:

- excellent foaming speed
- good cell structure with low tendency to overfoam
- good behaviour at the gelation drum
- good action of inhibitor

Thus E 68 CF is one of the standard products for production of foam layers for flooring applications. It is also used in artificial leathers and other foam applications.

Packaging, Delivery and Storage

The product is supplied in 25-kg bags as well as in bulk form.

Vinnolit E 68 CF 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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