

Product Information

Vinnolit

Leadership in PVC

®Vinnolit E 80 TT

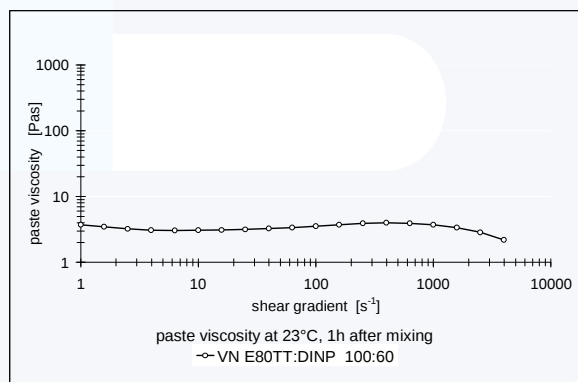
PVC for paste making

Brief Description

®Vinnolit E 80 TT is an emulsion type paste-making homopolymer having a fine particle size. It is giving low viscosity plastisols with an excellent viscosity stability.

At medium plasticizer concentrations, pastes exhibit an almost newtonian rheology across a wide shear range (see diagram).

Vinnolit E 80 TT is recommended for the production of transparent top coats for CV-flooring, as well as for filled and unfilled rigid to semi-rigid topcoats.



Raw material Properties	Typical Value*	Unit	Test method	
			DIN EN ISO	ISO
K-value	approx. 80	-	1628-2	1628-2
Reduced viscosity	approx. 169	ml/g	1628-2	1628-2
Apparent bulk density	approx. 0.40	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	low	-	-	-

* 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 made from Vinnolit E 80 TT can be processed by all the conventional coating methods.

Vinnolit E 80 TT is characterised by its:

- extremely low viscosity at low plasticizer levels
- linear rheology
- excellent transparency with matt surfaces
- low water absorption in the finished product
- very good paste deaeration

These properties make this resin particularly suited for applications such as transparent top coats in CV-flooring or harder compact coatings in artificial leather.

Packaging, Delivery and Storage

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

Vinnolit E 80 TT 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

Vinnolit GmbH & Co. KG

Carl-Zeiss-Ring 25

D-85737 Ismaning

Tel.: +49 89 9 61 03-0

Fax: +49 89 9 61 03-103

www.vinnolit.com