PRODUCT INFORMATION

®Vinnolit E 75 HV

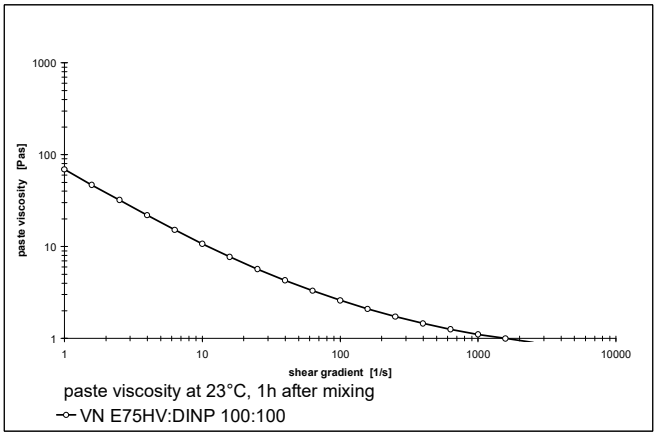
Vinnolit E 75 HV GreenVin® | Vinnolit E 75 HV GreenVin® bio-attributed

PVC for paste application

Brief Description

®Vinnolit E 75 HV is a fine-particle sized, paste-making emulsion homopolymer, classified as high viscosity resin. Plastisols made with ®Vinnolit E 75 HV exhibit pseudoplastic rheology.

®Vinnolit E 75 HV is particularly suitable for the production of compact films and chemically blown foams. Typical application is artificial leather, especially for thermoformed surfaces in the automotive applications.



RAW MATERIAL PROPERTIES	TYPICAL VALUE*)	UNIT	TEST METHOD	
			DIN EN ISO	ISO
K-value	73	-	1628-2	1628-2
Apparent bulk density	0.420	g/ml	60	60
Particle size distribution: sieve retention • retained on 0.063 mm screen	≤ 2	%	53195	-
Volatile matter	≤ 0.35	%	1269	1269
Emulsifier content	medium	-	-	-
Fogging characteristic (gravimetric)	≤ 1.5	mg	DIN 75201 B	6452

*) 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 75 HV can be applied by all commonly used coating techniques for leather cloths.

In particular ®Vinnolit E 75 HV is suitable for the manufacture of artificial leather cloth that is subjected to thermoforming.

®Vinnolit E 75 HV is also suitable for technical coatings yielding plastisols of medium-high viscosity and very good compatibility with bonding agents.

Outstanding **properties** of ®Vinnolit E 75 HV are:

- Strong pseudoplastic flow behavior
- Increasing the yield point when used as blend component
- Very good foamability to thermal and mechanical stable foams (particularly suitable for processing by thermoforming)
- Excellent compatibility with adhesion promoter
- Low fogging value (meets the current emission guidelines for materials in vehicle interiors)

Packaging, Delivery and Storage

The product is supplied in 25 kg bags.

®Vinnolit E 75 HV 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 75 HV GreenVin® is produced with 100% renewable electricity (GOs). Additionally, renewable Ethylene is used for Vinnolit E 75 HV 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