

®Vinnolit C 12/62 V

Vinyl chloride/vinyl acetate copolymer
extender resin for paste application

Brief Description

®Vinnolit C 12/62 V is a copolymeric extender resin having a high vinyl acetate content which has been specially developed for paste making. In blends with paste-making PVC resins, it combines the good viscosity-reducing properties of the homopolymer paste extender resins with the lower gelling temperatures typical of vinyl acetate copolymers.

Raw Material Properties	Typical Value*	Unit	Test Method	
			DIN EN ISO	ISO
K-value	62	-	1628-2	1628-2
Reduced viscosity	95	ml/g	1628-2	1628-2
Vinyl acetate content	12	%	-	-
Apparent bulk density	0.650	g/ml	60	60
Particle size distribution: sieve retention retained on 0.100 mm screen	≤ 0.5	%	53195	-
Volatile matter	≤ 0.5	%	1269	1269

* 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.

Product Information

Processing and Application

Paste containing Vinnolit C 12/62 V should as a rule not be triple-roll milled since the extender resin tends to separate readily in front of the nip. Extenders can be dispersed easily in the paste afterwards.

By incorporating an extender resin such as Vinnolit C 12/62 V processing can be improved as the viscosity is considerably reduced, particularly in low plasticizer content and highly filled plastisols. Furthermore by exchanging part of a copolymer paste resin the shelf life and deaeratability are improved and dilatancy is reduced.

The higher vinyl acetate content of Vinnolit C 12/62 V allows lower gelling temperatures in comparison with Vinnolit SA 1062/7. Furthermore the adhesion to various substrates, such as metal and synthetic fibres is improved.

Vinnolit C 12/62 V is particularly well suited for automotive underbody coatings and sealants, carpet backing and laminating pastes. Like all extender resins Vinnolit C 12/62 V can be processed by all the standard methods, such as coating, dipping, casting and spraying.

C 12/62 V is especially used in automotive underbody coatings and sealants because of the following properties:

- good thixotropic properties
- better adhesion on cathophoretic treated metal (KTL)
- enhanced abrasion
- higher mechanical properties
- even surface
- better spraying properties

Packaging, Delivery and Storage

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

Vinnolit C 12/62 V 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.

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