

Product Information
Vinnolit
Leadership in PVC
®Vinnolit SA 1062/7

Vinyl chloride/vinyl acetate copolymer
extender resin for paste application

Brief Description

®Vinnolit 1062/7 is a copolymeric extender resin 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	approx. 61	-	1628-2	1628-2
Reduced viscosity	approx. 92	ml/g	1628-2	1628-2
Vinyl acetate content	approx. 7	%	-	-
Apparent bulk density	approx. 0.68	g/ml	60	60
Particle size distribution: sieve retention retained on 0.100 mm screen	< 0.5	%	1624	1624
Volatile matter	< 0.5	%	-	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.

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Product Information

Processing and Application

Pastes containing Vinnolit SA 1062/7 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 SA 1062/7 processing can be improved as the viscosity is considerably reduced, particularly in low plastizer content and highly filled plastisols.

Furthermore by exchanging part of a copolymer paste resin the storage stability, dilatancy and deaeratability are improved. In addition, the vinyl acetate content enables to lower gelling temperatures.

Furthermore the adhesion to various substrates, such as metal and synthetic fibres is improved. Vinnolit SA1062/7 is suited for automotive underbody sealants, carpet backing and laminating pastes.

Like all extender resins Vinnolit SA 1062/7 can be processed by all the standard methods, such as coating, dipping, casting and spraying.

SA 1062/7 is especially used in automotive underbody coatings and sealants because of the following properties:

- better adhesion on cataphoretic 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 SA 1062/7 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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