PRODUCT INFORMATION

®Vinnolit C 12/62 V

Vinnolit C 12/62 V GreenVin®
Vinnolit C 12/62 V GreenVin® bio-attributed

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
Vinyl acetate content	12	%	-	-
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.

®Vinnolit = registered trademark of Westlake Vinnolit GmbH & Co. KG, Germany

Processing and Application

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 parts of a copolymer paste resin the shelf life and deaeratibility are improved and dilatancy is reduced.

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

®Vinnolit C 12/62 V is used in automotive underbody coatings and sealants because of the following **advantages**:

- Significant lower gelling temperatures
- Good adhesion at textiles and automotive metal sheets
- Improved mechanical properties
- Better abrasion resistance in UBC-mastics
- Even surface
- Excellent storage stability of plastisols

®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.

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.

Vinnolit C 12/62 V GreenVin® is produced with 100% renewable electricity (GOs). Additionally, renewable Ethylene is used for Vinnolit C 12/62 V GreenVin® bio-attributed. See GreenVin® info sheet.

The information and specifications contained in this product information are, to the best of our knowledge, correct at the time of publication. They are intended solely to provide general information about our products and their possible applications and do not constitute an agreement on quality or a guarantee of specific properties or suitability for a particular purpose. Due to the numerous factors beyond our control relating to storage, processing, and combination with third-party raw materials, the customer is obliged to determine the suitability of the product for the intended use by conducting their own tests and trials. The customer is also obliged to check and observe any third-party industrial property rights before use. Our General Terms and Conditions of Sale apply in addition.

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