PRODUCT INFORMATION

®Vinnolit E 70 SC

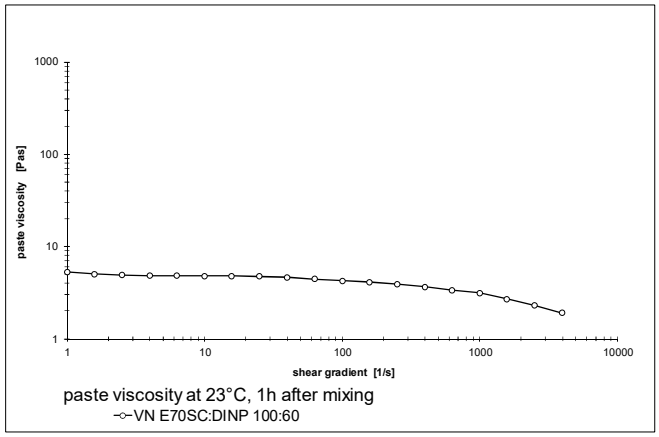
Vinnolit E 70 SC GreenVin®
Vinnolit E 70 SC GreenVin® bio-attributed

PVC for paste application

Brief Description

®Vinnolit E 70 SC is a fine-particle, paste-making copolymer of vinyl chloride and 5 % vinyl acetate yielding low viscosity plastisols with an excellent storage stability.

Due to its vinyl acetate content, ®Vinnolit E 70 SC can be easily processed at lower gelling temperatures.



RAW MATERIAL PROPERTIES	TYPICAL VALUE*	UNIT	TEST METHOD	
			DIN EN ISO	ISO
K-value	70	-	1628-2	1628-2
Vinyl acetate content	4.5	%	-	-
Particle size distribution: sieve retention • retained on 0.063 mm screen	≤ 2	%	53195	-
Volatile matter	≤ 0.5	%	1269	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.

Processing and Application

®Vinnolit E 70 SC may be converted into pastes by the standard methods, by dissolver or low-speed mixer. However, undue heating of the paste during mixing should be avoided since the vinyl acetate content may cause easily a rise in viscosity.

Pastes based on ®Vinnolit E 70 SC can be applied by all the usual procedures.

®Vinnolit E 70 SC is a low temperature gelling, low-viscosity paste grade, recommended for coating heat-sensitive base fabrics, laminating pastes, carpet backings as well as automotive underbody and seam sealants.

These applications also benefit from a high filler-loading capability as well as good adhesion to textile base fabrics and automotive metal surfaces. Furthermore, the product has also proven itself in the production of mechanical foams with silicone-based foaming aids.

To lower paste viscosity and increase shelf life, ®Vinnolit E 70 SC may be blended with homo-polymer extender resins such as ®Vinnolit EXT or ®Vinnolit C 65 V.

Outstanding **properties** of ®Vinnolit E 70 SC are:

- Good gelling (mechanical properties and abrasion) also at lower processing temperatures
- Good adhesion to textile base fabrics and automotive metal sheets
- Low fogging value (meets the current emission guidelines for materials in vehicle interiors)
- Higher flexibility in comparison to homopolymer PVC

Packaging, Delivery and Storage

The product is supplied in 25 kg bags.

®Vinnolit E 70 SC 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 70 SC GreenVin® is produced with 100 % renewable electricity (GOs). Additionally, renewable Ethylene is used for Vinnolit E 70 SC GreenVin® bio-attributed. See GreenVin® info sheet.

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