

PRODUCT INFORMATION

®Vinnolit P 5078

Vinnolit P 5078 GreenVin®

Vinnolit P 5078 GreenVin® bio-attributed

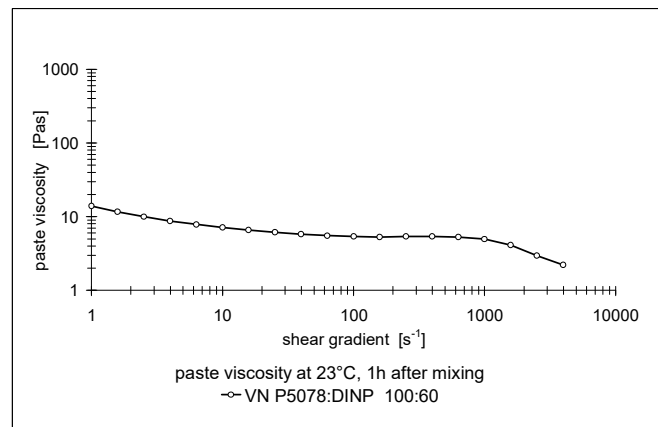
PVC for paste application

Brief Description

®Vinnolit P 5078 is a fine-particle, paste-making emulsion homopolymer giving medium-viscosity plastisols.

®Vinnolit P 5078 pastes with a medium plasticizer content are nearly Newtonian over the entire shear range (see diagram).

The main application areas of ®Vinnolit P 5078 are PVC pastes for compact coatings in the production of flooring, leather cloth and compact vinyl wall coverings.



RAW MATERIAL PROPERTIES	TYPICAL VALUE*	UNIT	TEST METHOD	
			DIN EN ISO	ISO
K-value	78	-	1628-2	1628-2
Particle size distribution: sieve retention				
• retained on 0.063 mm screen	≤ 0.5	%	53195	-
Volatile matter	≤ 0.3	%	1269	1269
Emulsifier content	medium	-	-	-

* 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

Pastes based on ®Vinnolit P 5078 can be applied by all the usual procedures.

®Vinnolit P 5078 is distinguished by the following outstanding **properties**:

- Medium paste viscosity
- High powder fineness
- Excellent release effect by contact gelation
- Low fogging values
- Matt surfaces of finished products

The high K-value of ®Vinnolit P 5078 and the specially chosen emulsifier reduce the tendency to stick to heated drums and rollers, e.g. during processing to cushion vinyl flooring.

Plastisols made with ®Vinnolit P 5078 containing the usual bonding agents show outstanding adhesion values when coating polyamide and polyester fabrics. Moreover, good compatibility with bonding agents, coupled with the low initial viscosity, ensures that the plastisols have a long pot life.

Furthermore, the fine particle size as well as the matt surface of the finished products makes ®Vinnolit P 5078 recommended for the manufacture of vinyl wall coverings.

Packaging, Delivery and Storage

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

®Vinnolit P 5078 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 P 5078 GreenVin® is produced with 100% renewable electricity (GOs). Additionally, renewable Ethylene is used for Vinnolit P 5078 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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