

PRODUCT INFORMATION

®Vinnolit P 5078

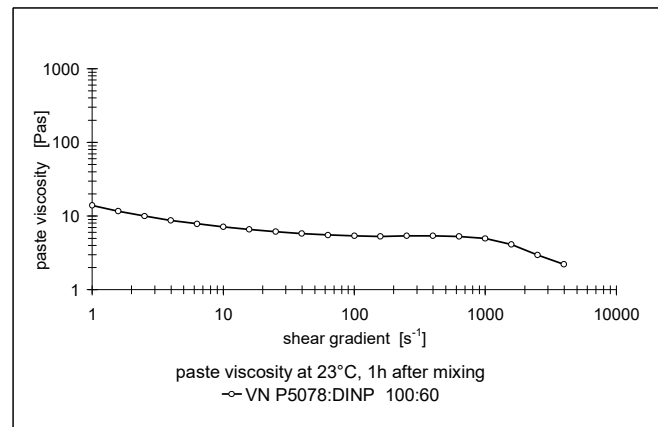
PVC for paste making

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, compact vinyl wall coverings.



RAW MATERIAL PROPERTIES	TYPICAL VALUE*)	UNIT	TEST METHOD	
			DIN EN ISO	ISO
K-value	78	-	1628-2	1628-2
Reduced viscosity	159	ml/g	1628-2	1628-2
Apparent bulk density	0.340	g/ml	60	60
Particle size distribution: sieve retention retained on 0.063 mm screen	≤ 1	%	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.

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Processing and Application

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

The pastes are distinguished by the following **properties:**

- medium paste viscosity
- very low fogging values
- particularly good mechanical foamability with surfactant-based or silicone-based foaming aids
- low tendency to stick during contact on gelling cylinders
- improved adhesion to polyester and polyamide fibre material
- 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 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.