

# Vinnolit® P 70 PS

Polyvinyl Chloride Homopolymer

Vinnolit GmbH & Co. KG

## Message:

Vinnolit P 70 PS is a fine grained homopolymer for plastisol processing giving medium-viscosity plastisols with an excellent shelf life. Pastes made with Vinnolit P 70 PS show a moderate pseudoplastic rheology at low shear rates and a moderate dilatant flow behaviour at higher shear rates, which becomes more pronounced at low plasticizer level. This dilatant behaviour can easily be reduced by blending with Extender grades, like Vinnolit C 65 V or C 66 W (see diagram) or by blending with special emulsion grades. Due to its very low emulsifier content the product shows a very low moisture absorption making it ideally suited for outdoor applications. Thin plastisols of Vinnolit P 70 PS in combination with special Emulsion resins show excellent properties for dip coating (Foulard) of e.g. textile substrates.

General Information			
Features	Low Moisture Absorption		
	Medium Viscosity		
Uses	Outdoor Applications		
Agency Ratings	EC 1907/2006 (REACH)		
Processing Method	Plastisol		
Physical	Nominal Value	Unit	Test Method
Apparent Density	0.37	g/cm <sup>3</sup>	ISO 60
K-Value	70.0		ISO 1628-2
Viscosity Number (Reduced Viscosity)	124.0	ml/g	ISO 1628
Emulsifier Content	Extremely Low		
Particle Size Distribution <sup>1</sup>	< 0.30	%	ISO 4610
Volatile Matter	< 0.30	%	ISO 1269
NOTE			

1. retained on 0.063 mm screen

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## Recommended distributors for this material

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