

# Vinnolit® E 67 FF

Polyvinyl Chloride

Vinnolit GmbH & Co. KG

## Message:

PVC for paste making

® Vinnolit E 67 FF is a fine particle size, low- medium molecular weight emulsion type PVC homopolymer with a medium emulsifier content. It produces plastisols exhibiting medium viscosity at low and high shear rates with essentially Newtonian flow properties with low plasticizer levels (40-60 phr). It has been particularly developed for low plasticizer content compact or chemically foamed formulations. It exhibits generally excellent gelation/fusion rates and gives good thermal/light stability with a wide range of stabilisers. The use of high speed type mixers is recommended.

Processing and Application:

Vinnolit E 67 FF produces plastisols with low plasticizer content which are ideal for the spread coating of chemically blown foams for cushioned flooring and wallcoverings using the "Congoleum" process, where a very fine closed cell structure with excellent inhibition and contour sharpness may be achieved at both high and low expansion levels. Plastisols can be applied by reverse-roll coaters, rotary screen coaters.

General Information			
Additive	Plasticizer		
Features	Good Thermal Stability		
	Homopolymer		
	Medium Viscosity		
	Plasticized		
Uses	Coating Applications		
	Flooring		
	Wall Panels		
Processing Method	Foam Processing		
Physical	Nominal Value	Unit	Test Method
Apparent Density	0.40	g/cm <sup>3</sup>	ISO 60
K-Value	67.0		ISO 1628-2
Viscosity Number (Reduced Viscosity)	113.0	ml/g	ISO 1628-2
Particle Size Distribution <sup>1</sup>	< 0.20	%	ISO 1624
Volatile Matter	< 0.30	%	ISO 1269
NOTE			
1.	retained on 0.063 mm screen		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: [sales@su-jiao.com](mailto:sales@su-jiao.com)

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

