

Vinnolit® EP 6953

Polyvinyl Chloride Homopolymer

Vinnolit GmbH & Co. KG

Message:

Vinnolit EP 6953 is a medium molecular weight emulsion type PVC homopolymer with a low-medium emulsifier content. It produces plastisols exhibiting low viscosity at low and high shear rates with slightly pseudoplastic flow properties with low plasticizer levels (40-60 phr).This grade can be used in blends to generally decrease low shear viscosity and reduce dilatancy. It gives good thermal stability with a wide range of stabilizers types. The use of high speed type mixers is recommended.

General Information			
Features	Medium Molecular Weight		
Uses	Blending		
Agency Ratings	EC 1907/2006 (REACH)		
Processing Method	Plastisol		
Physical	Nominal Value	Unit	Test Method
Apparent Density	0.40	g/cm³	ISO 60
K-Value	69.0		ISO 1628-2
Viscosity Number (Reduced Viscosity)	120.0	ml/g	ISO 1628
Emulsifier Content	Medium		
Particle Size Distribution ¹	< 2.0	%	ISO 4610
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

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


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