

Vinnolit® EP 7555

Polyvinyl Chloride Homopolymer

Vinnolit GmbH & Co. KG

Message:

Vinnolit EP 7555 is a high molecular weight emulsion type PVC homopolymer with a low-medium emulsifier content. It produces plastisols exhibiting very low viscosity at low and high shear rates with essentially Newtonian 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 stabiliser types especially organotin types. The use of high speed type mixers is recommended.

General Information			
Features	High Molecular Weight		
Uses	Blending		
Agency Ratings	EC 1907/2006 (REACH)		
Processing Method	Plastisol		
Physical	Nominal Value	Unit	Test Method
Apparent Density	0.40	g/cm ³	ISO 60
K-Value	75.0		ISO 1628-2
Viscosity Number (Reduced Viscosity)	145.0	ml/g	ISO 1628
Emulsifier Content	Medium		
Particle Size Distribution ¹	< 1.0	%	ISO 4610
Volatile Matter	< 0.30	%	ISO 1269
NOTE			

1. retained on 0.063 mm screen

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