

LG Chemical LP170G PVC

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Uncompounded

Material Notes:

General Description: LP170G, homopolymer made from micro- suspension polymerization, is a low viscosity PVC resin with an good deaeration and stable viscosity at high temperature. Products made from LP170G have low level of pinhole formation and have excellent whiteness and mechanical property

Main Applications: Glove, Dipping

CAS No: 9002-86-2

Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-LP170G-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.406 g/cc	1.406 g/cc	
Bulk Density	0.290 - 0.390 g/cc	0.0105 - 0.0141 lb/in ³	ASTM D1895
Volatiles	<= 1.5 % @Temperature 110 Â°C, Time 3600 sec	<= 1.5 % @Temperature 230 Â°F, Time 1.00 hour	ASTM D3030-90
Brookfield Viscosity	3000 - 4000 cP	3000 - 4000 cP	DOP 60phr, 6RPM; ASTM D1824-90
Viscosity Measurement	>= 1.0 @Pressure 0.400 MPa	>= 1.0 @Pressure 58.0 psi	[g/sec], DOP 60phr, Severs; ASTM D1823-90
Molecular Weight	60000 - 150000 g/mol	60000 - 150000 g/mol	

Thermal Properties	Metric	English	Comments
Melting Point	302 Â°C	576 Â°F	

Descriptive Properties	Value	Comments
Autoignition Temperature	435Â°C	
Degree of Polymerization	1600-1700	30Â°C, JIS K6721-77
K-Value	76	DIN53726

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