

LG Chemical LP170 PVC

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

Material Notes:

General Description: LP170, homopolymer made from micro- suspension polymerization, is a medium- viscosity PVC resin with a pseudo plastic flow property in processing range. LP170 can be used for synthetic leather foam layer made by Knife coating/ Roll coating/ Gravure coating especially, products made from LP170 are excellent in restoring force and print ability. Main Applications: Synthetic leather, rotational molding, flooring and wall covering CAS No: 9002-86-2 Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-LP170-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.406 g/cc	1.406 g/cc	
Bulk Density	0.280 - 0.400 g/cc	0.0101 - 0.0145 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 - 8000 cP	3000 - 8000 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	1500-1600	30Â°C, JIS K6721-77
K-Value	76	DIN53726

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