

LG Chemical PB900 PVC

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

Material Notes:

General Description: PB900, homopolymer made by micro-suspension seeded polymerization, is PVC resin with pseudo plastic flow property. PB900 can be used for wall paper made by knife coating/rotary screen coating. Main Applications: Wall coverings CAS No: 9002-86-2 Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-PB900-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.406 g/cc	1.406 g/cc	
Bulk Density	0.300 - 0.400 g/cc	0.0108 - 0.0145 lb/in ³	ASTM D1895
Volatiles	<= 0.70 % @Temperature 110 Â°C, Time 3600 sec	<= 0.70 % @Temperature 230 Â°F, Time 1.00 hour	ASTM D3030-90
Brookfield Viscosity	3500 - 8500 cP	3500 - 8500 cP	DOP 60phr, 6RPM; ASTM D1824
Viscosity Measurement	>= 2.0 @Pressure 0.400 MPa	>= 2.0 @Pressure 58.0 psi	[g/sec], DOP 60phr, Severs; ASTM D1823
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	850-950	30Â°C, JIS K 6720-2
K-Value	64	DIN53726 / ISO1628-2

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