

LG Chemical PB1120 PVC

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

Material Notes:

General Description: PB1120, homopolymer made by micro-suspension seeded polymerization, is medium-viscosity PVC resin with pseudo plastic flow property. It can be used for foam flooring layer and wall paper made by knife coating and rotary screen coating. Products made from PB1120 has excellent reformation and printing abilityMain Applications: Wall coverings for rotary screen, Foam layer for flooring, Synthetic leather.CAS No: 9002-86-2Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-PB1120-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.406 g/cc	1.406 g/cc	
Bulk Density	0.310 - 0.410 g/cc	0.0112 - 0.0148 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	15000 - 45000 cP	15000 - 45000 cP	DOP 60phr; ASTM D1824
Viscosity Measurement	>= 2.0	>= 2.0	[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	950-1050	30Â°C, JIS K 6720-2
K-Value	66	DIN53726 / ISO1628-2

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