

LG Chemical LS100E PVC

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

Material Notes:

General Description: LS100E, homopolymer by mass polymerization, can be applied to various applications, such as semi rigid and rigid products. Main Applications: Pipe, profiles, sash CAS No: 9002-86-2 Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-LS100E-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.40 g/cc	1.40 g/cc	ASTM D790
Bulk Density	0.520 - 0.600 g/cc	0.0188 - 0.0217 lb/in ³	ASTM D1895
Volatiles	<= 0.30 % @Temperature 110 Â°C, Time 3600 sec	<= 0.30 % @Temperature 230 Â°F, Time 1.00 hour	ASTM D3030
Particle Mesh Size	45 Mesh	45 Mesh	<0.2%; ASTM D1921
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	990-1090	30Â°C, JIS K 6720-2
K-Value	67	DIN53726 / ISO1628-2

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