

LG Chemical LS300 PVC

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

Material Notes:

General Description: LS300, a homopolymer made by suspension polymerization, is applied for value added special products such as matted sheeting ,super heat resistant wire, high pressure hose, packing and gasket for industrial supplies. It enhances the mechanical property of the final goods, and other high value added properties.Main Applications: Super heat-resistant power cable jacket and special gaskets of high elasticity and softness. CAS No: 9002-86-2Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-LS300-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.40 g/cc	1.40 g/cc	ASTM D790
Bulk Density	0.430 - 0.510 g/cc	0.0155 - 0.0184 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	2500-2700	30Â°C, JIS K 6720-2
K-Value	84	DIN53726 / ISO1628-2

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