

LG Chemical LS130S PVC

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

Material Notes:

General Description: LS130S, homopolymer made by suspension polymerization, is mainly used in PVC wire extrusion and calendar processing, well known for giving clean surfaces and bright color to the finished goods. It can be applied to high quality products. Main

Applications: Heat resistant power cable jacket, film, leather, sheets and hoses CAS No: 9002-86-2 Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-LS130S-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.40 g/cc	1.40 g/cc	ASTM D790
Bulk Density	0.460 - 0.540 g/cc	0.0166 - 0.0195 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	1200-1300	30Â°C, JIS K 6720-2
K-Value	71	DIN53726 / ISO1628-2

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