

LG Chemical LK170 PVC

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

Material Notes:

General Description: LK170, vinyl chloride copolymer with vinyl acetate exhibit excellent properties including easy processing and effective flow
Main Applications: Sealant, automotive protective sol, carper under layer
CAS No: 9002-86-2 and 108-05-4
Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-LK170-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.36 - 1.38 g/cc	1.36 - 1.38 g/cc	
Bulk Density	0.290 - 0.390 g/cc	0.0105 - 0.0141 lb/in ³	ASTM D1895
Volatiles	<= 1.5 % @Temperature 110 Â°C, Time 3600 sec	<= 1.5 % @Temperature 230 Â°F, Time 1.00 hour	ASTM D3030-90
Brookfield Viscosity	5000 - 9000 cP	5000 - 9000 cP	DOP 60phr, 6RPM; ASTM D1824-90
Viscosity Measurement	>= 1.0 @Pressure 0.400 MPa	>= 1.0 @Pressure 58.0 psi	[g/sec], DOP 60phr, Severs; ASTM D1823-90

Thermal Properties	Metric	English	Comments
Flash Point	320 - 340 Â°C	608 - 644 Â°F	

Descriptive Properties	Value	Comments
Autoignition Temperature	435-557Â°C	
Degree of Polymerization	1550-1650	30Â°C, JIS K 6720-2
K-Value	75	DIN53726
VAc Contents	2.5-4.5%	ISO 1159

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