

Lord Adhesives Thermoset,ç LS 213-9 Unfilled Epoxy Encapsulant

Category : Polymer , Thermoset , Epoxy , Epoxy Encapsulant, Unreinforced

Material Notes:

Lord LS 213-9 is a one component epoxy coating and impregnating compound featuring low viscosity, good moisture resistance and excellent dielectric properties. Typical applications include transformer potting and electrical lamination. All information provided by Lord.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lord-Adhesives-Thermoset-LS-213-9-Unfilled-Epoxy-Encapsulant.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.13 g/cc	1.13 g/cc	
Solids Content	100 %	100 %	
Viscosity	2800 cP @Temperature 25.0 Â°C	2800 cP @Temperature 77.0 Â°F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	85	85	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	155 Â°C	311 Â°F	
Glass Transition Temp, Tg	75.0 Â°C	167 Â°F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.00e+15 ohm-cm	2.00e+15 ohm-cm	
Dielectric Constant	3.4 @Frequency 1000 Hz	3.4 @Frequency 1000 Hz	
Dielectric Strength	18.9 kV/mm	480 kV/in	
Dissipation Factor	0.022 @Frequency 1000 Hz	0.022 @Frequency 1000 Hz	

Processing Properties	Metric	English	Comments
Cure Time	120 min @Temperature 121 Â°C	2.00 hour @Temperature 250 Â°F	
	300 min	5.00 hour	

Processing Properties	Metric	English	Comments
	@ Temperature 104 Â°C	@ Temperature 220 Â°F	
	480 min	8.00 hour	
	@Temperature 93.3 Â°C	@Temperature 200 Â°F	

Descriptive Properties	Value	Comments
Appearance	Amber	
Consistency	Liquid	

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