

Dow Corning SILASTIC® LSR 9791-70 A&B KIT

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE) , Silicone , Silicone Rubber

Material Notes:

70 Durometer, 2-part, 1 to 1 mix, translucent, molding grade, Liquid Silicone Rubber. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-SILASTIC-LSR-9791-70-AB-KIT.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.16 g/cc	1.16 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Solids Content	100 %	100 %	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	68	68	
Tensile Strength, Ultimate	10.0 MPa	1450 psi	
Tensile Strength, Yield	4.07 MPa	590 psi	at 150% Elongation, maximum
Elongation at Break	450 %	450 %	
Tear Strength	103 kN/m	590 pli	
Compression Set	57 %	57 %	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+15 ohm-cm	1.00e+15 ohm-cm	
Dielectric Constant	3.0	3.0	
	@Frequency 100 Hz	@Frequency 100 Hz	
	3.0	3.0	
	@Frequency 100000 Hz	@Frequency 100000 Hz	
Dielectric Strength	17.7 kV/mm	450 kV/in	
Dissipation Factor	0.0019	0.0019	
	@Frequency 100 Hz	@Frequency 100 Hz	
	0.015	0.015	
	@Frequency 100000 Hz	@Frequency 100000 Hz	

Processing Properties	Metric	English	Comments
Pot Life	1440 min	1440 min	
Shelf Life	18.0 Month	18.0 Month	

Descriptive Properties	Value	Comments
Appearance	translucent	
Mix Ratio (X:1)	100	Base to Catalyst ETN

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China