

Dow Corning SILASTIC® 591 LSR PART A&B

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

Material Notes:

50 Durometer, 2-part, 1 to 1 mix, off-white, Liquid Silicone Rubber, for insulating sleeve and printing roller applications. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-SILASTIC-591-LSR-PART-AB.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.54 g/cc	1.54 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Solids Content	100 %	100 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	3.34 MPa	485 psi	
Elongation at Break	370 %	370 %	
Tear Strength	12.8 kN/m	73.0 pli	
Compression Set	16 %	16 %	

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

Descriptive Properties	Value	Comments
Color	off-white	
Gel Hardness (Grams/Penetration)	51	
Mix Ratio (X:1)	100	Base to Catalyst ETN

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