

Dow Corning JCR 6122

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

Material Notes:

Two-part, transparent, medium modulus LED encapsulant with very low viscosity, very long working time, and high transparency. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-JCR-6122.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	35	35	
Tensile Strength, Ultimate	0.5000 MPa	72.52 psi	
Tensile Strength, Yield	1.1000 MPa	159.54 psi	at 150% elongation, maximum
Elongation at Break	60 %	60 %	

Optical Properties	Metric	English	Comments
Refractive Index	1.396	1.396	
	1.404	1.404	
	1.394	1.394	
	@Wavelength 1554 nm	@Wavelength 1554 nm	
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	
	@Temperature 150 °C	@Temperature 302 °F	
Shelf Life	6.00 Month	6.00 Month	

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

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