

Dow Corning JCR 6101

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

Material Notes:

One-part, translucent, medium modulus LED encapsulant with very long working time. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-JCR-6101.php

Physical Properties	Metric	English	Comments
Viscosity	5900 cP	5900 cP	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	35	35	
Tensile Strength, Ultimate	1.700 MPa	246.6 psi	
Elongation at Break	170 %	170 %	

Optical Properties	Metric	English	Comments
Refractive Index	1.398	1.398	
	1.407	1.407	
	1.397	1.397	
	@Wavelength 1554 nm	@Wavelength 1554 nm	

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	
	@Temperature 70.0 °C	@Temperature 158 °F	
	120 min	2.00 hour	
	@Temperature 150 °C	@Temperature 302 °F	
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Appearance	translucent	

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