

Dow Corning EG-6301

Category : Polymer , Adhesive , Thermoset , Silicone

Material Notes:

Two-part, transparent, high modulus (hard) LED encapsulant with high transparency and very long working time. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-EG-6301.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	71	71	
Tensile Strength, Ultimate	8.9997 MPa	1305.3 psi	
Elongation at Break	80 %	80 %	
Modulus of Elasticity	0.006700 GPa	0.9718 ksi	

Optical Properties	Metric	English	Comments
Refractive Index	1.403	1.403	
	1.411	1.411	
	1.402	1.402	
	@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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