

Dow Corning SR-7010

Category : Polymer , Adhesive , Thermoset , Silicone

Material Notes:

Two-part, hard, clear LED resin with a high refractive index and excellent light transparency, for molding fabricated parts. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-SR-7010.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	67	67	

Thermal Properties	Metric	English	Comments
CTE, linear	200 $\mu\text{m/m-}^{\circ}\text{C}$	111 $\mu\text{in/in-}^{\circ}\text{F}$	

Optical Properties	Metric	English	Comments
Refractive Index	1.516	1.516	
	1.532	1.532	
	1.514	1.514	
	@Wavelength 1554 nm	@Wavelength 1554 nm	

Processing Properties	Metric	English	Comments
Cure Time	1.00 min	0.0167 hour	
	@Temperature 150 $^{\circ}\text{C}$	@Temperature 302 $^{\circ}\text{F}$	
Shelf Life	9.00 Month	9.00 Month	

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

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