

## Dow Corning HIPEC® Q3-6645 SEMICONDUCTOR PROTECTIVE COATING KIT

Category : Polymer , Adhesive , Thermoset , Silicone , Silicone, RTV, Encapsulation Grade

### Material Notes:

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

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dow-Corning-HIPEC-Q3-6645-SEMICONDUCTOR-PROTECTIVE-COATING-KIT.php](http://www.lookpolymers.com/polymer_Dow-Corning-HIPEC-Q3-6645-SEMICONDUCTOR-PROTECTIVE-COATING-KIT.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.970 g/cc	0.970 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	55	55	

Optical Properties	Metric	English	Comments
Refractive Index	1.394	1.394	
	1.402	1.402	
	1.393	1.393	
	@Wavelength 1554 nm	@Wavelength 1554 nm	
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

Electrical Properties	Metric	English	Comments
Volume Resistivity	3.70e+13 ohm-cm	3.70e+13 ohm-cm	
Dielectric Constant	2.9	2.9	
	@Frequency 100000 Hz	@Frequency 100000 Hz	
Dielectric Strength	22.6 kV/mm	574 kV/in	
Dissipation Factor	0.00010	0.00010	
	@Frequency 100000 Hz	@Frequency 100000 Hz	

Descriptive Properties	Value	Comments
Appearance	clear	
Chloride Content (%)	5E-06	

Working Time (min) Descriptive Properties	960 Value	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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