

## 3M Novec™ 2702 Electronic Grade Coating

Category : Polymer

### Material Notes:

3M™ Novec™ 2702 Electronic Grade Coating is designed for protection of printed circuit boards and electronic components. It is a clear, low viscosity solution of a 2 wt% fluorochemical polymer coating carried in a hydrofluoroether solvent. The coating is easy to apply and should be heat cured. Features and Benefits: Low surface tension of the coating solution provides increased surface wetting, especially under low profile components. Cross-links with a thermal cure for durable protection. Contains no volatile organic compounds (VOCs) and has low global warming potential. Can be applied to metals, glass or epoxy laminates. Provides excellent repellency, anti-wetting and anti-sticking properties against liquids ie: water, hydrocarbons, silicones, and photoresists. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Novec-2702-Electronic-Grade-Coating.php](http://www.lookpolymers.com/polymer_3M-Novec-2702-Electronic-Grade-Coating.php)

Physical Properties	Metric	English	Comments
Density	1.43 g/cc	0.0517 lb/in <sup>3</sup>	
Solids Content	2.0 %	2.0 %	fluoropolymer

Thermal Properties	Metric	English	Comments
Boiling Point	76.0 °C	169 °F	of Solvent
Glass Transition Temp, Tg	-63.0 °C	-81.4 °F	

Optical Properties	Metric	English	Comments
Refractive Index	1.41	1.41	

Electrical Properties	Metric	English	Comments
Dielectric Constant	2.61	2.61	
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
	3.04	3.04	
	@Frequency 1000 Hz	@Frequency 1000 Hz	
	3.45	3.45	
	@Frequency 10.0 Hz	@Frequency 10.0 Hz	
Dielectric Strength	59.1 kV/mm	1500 kV/in	30% RH
Dissipation Factor	0.030	0.030	
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	

Electrical Properties	<b>0.040</b> Metric	<b>0.040</b> English	Comments
	@Frequency 1000 Hz	@Frequency 1000 Hz	
	0.050	0.050	
	@Frequency 10.0 Hz	@Frequency 10.0 Hz	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China