

3M Scotchcast™ 3570G-N Connector Sealing Pack

Category : Other Engineering Material

Material Notes:

The 3M Scotchcast Connector Sealing Pack 3570G-N insulates and provides protection for electrical spring connectors against dust, soil, water, and other environmental elements. Each sealing pack contains a specific amount of the two-part 3M Scotchcast Epoxy Resin 3570G-N in a unique closed mixing pouch. The resin generates its own heat to cure and its compatibility with spring connectors makes this sealing pack a convenient insulating and encapsulating resin for electrical spring connections. The 3570G-N sealing pack will accommodate one 3M Performance plus Wire Connector O/B, R/Y, T/R, T/Y or one 3M Electrical Spring and Grounding Connector 312 or 512. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotchcast-3570G-N-Connector-Sealing-Pack.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	ASTM D2240
Tensile Strength at Break	12.3 MPa	1780 psi	ASTM D638
Elongation at Break	57 %	57 %	ASTM D638

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	21.0 °C	69.8 °F	

Electrical Properties	Metric	English	Comments
Dielectric Constant	2.2	2.2	ASTM D150
	@Frequency 60.0 Hz, Temperature 23.0 °C	@Frequency 60.0 Hz, Temperature 73.4 °F	
Dielectric Strength	8.9	8.9	ASTM D150
	@Frequency 60.0 Hz, Temperature 90.0 °C	@Frequency 60.0 Hz, Temperature 194 °F	
Dielectric Strength	17.1 kV/mm	435 kV/in	ASTM D149

Processing Properties	Metric	English	Comments
Gel Time	8.00 - 12.0 min	8.00 - 12.0 min	ASTM D24799

Descriptive Properties	Value	Comments
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Descriptive Properties

Value

Comments

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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