DI-COAT E-4669

Thermoplastic

Hapco Inc.

Message:

DI-COAT E-4669
Shore 60-65 D, elastomeric coatings that have been specifically designed to reproduce exact surface details.
DI-COAT E-4669 are formulated to withstand high wear continuous service.

General Information			
Features	Electrically Insulating		
	Fast Cure		
	Fast Molding Cycle		
	Good Flexibility		
	Good Wear Resistance		
	Low Viscosity		
	Shock Absorbent		
	Thixotropic		
Uses	Battery Cases		
	Coating Applications		
	Electrical/Electronic Applications		
	Power Cable Shields		
	Switches		
Appearance	Grey		
Forms	Liquid		
Processing Method	Potting		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.20	g/cm³	ASTM D4669
Weight - per cubic inch	20	g	
Service Temperature	135	°C	
Gel Time [1] (25°C)	15.0 to 20.0	min	ASTM D2971
Tack-up Time	20.0 to 30.0Pass	min	
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D)	65		ASTM D2240
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength	20.7	MPa	ASTM D638
Tensile Elongation (Break)	150	%	ASTM D638
Electrical	**Nominal Value**	**Unit**	**Test Method**
Volume Resistivity	5.1E+15	ohms·cm	ASTM D257
Dielectric Strength	14	kV/mm	ASTM D149

Dielectric Constant			ASTM D150
1 kHz	3.30		
100 kHz	3.00		
Dissipation Factor (25°C, 100 kHz)	0.037		ASTM D150
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Part A	Mix Ratio by Weight: 100, Mix Ratio by Volume: 100		
Part B	Mix Ratio by Weight: 75, Mix Ratio by Volume: 10		
Demold Time (21°C)	960 to 1400	min	
NOTE			
1.	100 g		

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China