

Dapol® D2200F

Diallyl Phthalate

Fudow Co., Ltd.

Message:

Examples of application

SMT bobbins

Thermoswitches

General Information	
UL YellowCard	E46770-237148
Uses	Switch spool
Processing Method	Resin transfer molding Injection molding

Physical	Nominal Value	Unit	Test Method
Density	1.85 - 1.90	g/cm ³	JIS K6911
Molding Shrinkage ¹	0.40 - 0.60	%	JIS K6911
Water absorption rate-boiling	0.10 - 0.15	%	JIS K6911
Heat Deflection Temperature	280 - 300	°C	JIS K6911
Insulation Resistance			JIS K6911
after boiling	1.0E+13 - 1.0E+14	ohms	JIS K6911
at ordinary state	1.0E+14 - 1.0E+15	ohms	JIS K6911
Heat Shrinkage	0.050 - 0.10	%	JIS K6918

Mechanical	Nominal Value	Unit	Test Method
Flexural Stress (Injection Molded)	127 - 147	MPa	JIS K6911

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (Injection Molded)	3.9 - 5.9	kJ/m ²	JIS K6911

Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	12 - 14	kV/mm	JIS K6911
Dielectric Constant	4.30 - 4.60		JIS K6911
Dissipation Factor	0.010 - 0.015		JIS K6911
Arc Resistance	> 160	sec	JIS K6911
Comparative Tracking Index	> 600	V	IEC 60112

Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.50 mm)	V-0		UL 94

NOTE

1. Injection Molding

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