

Dapol® D2102F

Diallyl Phthalate

Fudow Co., Ltd.

Message:

Examples of application

SMT bobbins

Coil bobbins

Commutators

Governors

Various types of switch

Relay bases

Connectors

Communications equipment parts

General Information			
UL YellowCard	E46770-100655150		
Uses	Electrical/Electronic Applications		
	Electrical components		
	Switch		
	Connector		
	spool		
Processing Method	Resin transfer molding		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.90 - 1.95	g/cm ³	JIS K6911
Molding Shrinkage ¹	0.60 - 0.90	%	JIS K6911
Water absorption rate-boiling	0.15 - 0.20	%	JIS K6911
Heat Deflection Temperature	240 - 250	°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
Mechanical	Nominal Value	Unit	Test Method
Flexural Stress (Injection Molded)	147 - 167	MPa	JIS K6911
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (Injection Molded)	5.9 - 7.8	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	> 140	sec	JIS K6911

Comparative Tracking Index	> 600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.38 mm)	V-0		UL 94
NOTE			
1.	Injection Molding		

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