

Dapol® D2100F

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	E46770-237147		
Uses	Electrical/Electronic Applications		
	Electrical components		
	Switch		
	Connector		
	spool		
Processing Method	Resin transfer molding		
	Compression molding		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.90 - 1.95	g/cm ³	JIS K6911
Molding Shrinkage			JIS K6911
-- ¹	0.60 - 0.90	%	JIS K6911
-- ²	0.40 - 0.60	%	JIS K6911
Water absorption rate-boiling	0.15 - 0.25	%	JIS K6911
Heat Deflection Temperature	230 - 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
Heat Shrinkage	0.050 - 0.15	%	JIS K6918
Mechanical	Nominal Value	Unit	Test Method
Flexural Stress			JIS K6911
Molding	78.0 - 108	MPa	JIS K6911
Injection Molding	118 - 137	MPa	JIS K6911
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			JIS K6911

Molding	3.9 - 5.9	kJ/m ²	JIS K6911
Injection Molding	4.9 - 6.9	kJ/m ²	JIS K6911
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	11 - 14	kV/mm	JIS K6911
Dielectric Constant	5.00 - 5.50		JIS K6911
Dissipation Factor	0.015 - 0.020		JIS K6911
Arc Resistance	> 180	sec	JIS K6911
Comparative Tracking Index	> 600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.79 mm)	V-0		UL 94
NOTE			
1.	Injection Molding		
2.	Compression Molding		

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