

Sumikon® AM-100

Diallyl Phthalate

SBHPP

Message:

SUMIKON® AM-100 type J black-B is a short glass fiber reinforced, non-flame retardant, diallyl phthalate molding compound.

General Information	
Filler / Reinforcement	Glass fiber reinforced material Inorganic filler
Appearance	Black
Processing Method	Resin transfer molding Compression molding Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.66	g/cm ³	JIS K6911
Molding Shrinkage - Flow	0.52	%	JIS K6911
Water absorption rate-by boiling	0.19	%	JIS K6911
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	10300	MPa	JIS K6911
Flexural Strength	135	MPa	JIS K6911
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	3.2	kJ/m ²	JIS K6911
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	224	°C	JIS K6911
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength ¹	13	kV/mm	JIS K6911
Comparative Tracking Index	600	V	IEC 60112
Insulation Resistance			JIS K6911
-- ²	1.0E+15	ohms	JIS K6911
-- ³	2.0E+14	ohms	JIS K6911
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.69 mm)	HB		UL 94

NOTE	
1.	Method B (step by step)
2.	As molded
3.	After boiling

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Recommended distributors for this material

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