

Description	SUMIKON [®] AM-113 type J black-B is a short glass fiber reinforced, flame retardant, diallyl phthalate molding compound.
Main filler	Glass fiber , Inorganic filler
Resin	Diallyl phthalate
Color	Black
Molding method	Compression, Transfer, Injection

DAP

	Properties ¹	Typical Value ²	Unit	Method	
Physical	Specific Gravity	1.85	-	JIS K 6911	
	Water absorption by boiling	0.13	%	JIS K 6911	
	Molding shrinkage	0.44	%	JIS K 6911	
Thermal	Temperature of deflection under load	295	° C @ 1.82 MPa	JIS K 6911	
	UL-flammability	V-0 (0.20)	- (mm)	UL94	
Mechanical	Flexural strength	160	MPa	JIS K 6911	
	Flexural modulus	14.0	GPa	JIS K 6911	
	Charpy impact strength notched	3.6	kJ/m ²	JIS K 6911	
Electric	Insulation resistance	As mold	5E+14	Ohm	JIS K 6911
		After boiling	1E+14	Ohm	JIS K 6911
	Dielectric strength (S/S)	12	MV/m	JIS K 6911	
	Tracking resistance (CTI)	600	V	IEC 60112	

¹ Properties measured on transfer molded test specimens.

² The above values are typical values, not guaranteed.