

Description	SUMIKON [®] EM-60 type JF black is a short fiberglass reinforced epoxy molding compound, with excellent dimensional stability, good strength properties and good electrical insulation properties.
Main filler	Glass fiber , Inorganic filler
Resin	Epoxy
Color	Black
Molding method	Compression, Transfer, Injection

EPOXY

	Properties ¹	Typical Value ²	Unit	Method	
Physical	Specific Gravity	1.91	-	JIS K 6911	
	Water absorption	0.03	%	JIS K 6911	
	Molding shrinkage	0.36	%	JIS K 6911	
Thermal	Temperature of deflection under load	233	° C @ 1.82 MPa	JIS K 6911	
	UL-flammability	V-0 (1.0)	- (mm)	UL94	
Mechanical	Flexural strength	132	MPa	JIS K 6911	
	Flexural modulus	14.9	GPa	JIS K 6911	
	Charpy impact strength notched	4.0	kJ/m ²	JIS K 6911	
Electric	Insulation resistance	As mold	2E+15	Ohm	JIS K 6911
		After boiling	4E+14	Ohm	JIS K 6911
	Dielectric strength (S/S)	11	MV/m	JIS K 6911	

¹ Properties measured on transfer molded test specimens.

² The above values are typical values, not guaranteed.