

Description	SUMIKON [®] FM-MK-160B is Glass fiber and inorganic filler filled Poly-phenylene sulfide resin molding compound with good mechanical property grade. This grade is official registered UL with V-0 (t=1.0) .
Main filler	Glass fiber , Inorganic filler
Resin	Poly phenylene sulfide
Color	Black
Molding method	Injection

PPS

	Properties ¹	Typical Value ²	Unit	Method
Physical	Specific Gravity	1.96	-	ASTM D792
	Molding shrinkage(MD/ TD)	0.2/ 0.3	%	SB method
Thermal	UL-flammability	V-0 (1.0)	- (mm)	UL94 based
Mechanical	Flexural strength	177	MPa	ASTM D790
	Flexural modulus	17	GPa	ASTM D790
	Tensile strength	101	MPa	ASTM D638
	Izod impact strength notched	73	J/m	ASTM D256
Electric				

RoHS : This grade is in compliance with RoHS

¹ Properties measured on injection molded test specimens.

² The above values are typical values, not guaranteed.