

Description	SUMIKON [®] FM-MK-120E is Glass fiber and inorganic filler filled Poly - phenylene sulfide molding compound with good mechanical. This grade is official registered UL with V-0 (t=1.6) . property grade.
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	1.87	-	ASTM D792
	Molding shrinkage(MD/ TD)	0.2/ 0.4	%	SB method
Thermal	Temperature of deflection under load	260<	° C @ 1.82 MPa	ASTM D648
	Coefficient of thermal expansion[MD/TD]	20/ 26	ppm	TMA
	UL-flammability	V-0 (1.6)	- (mm)	UL94 based
Mechanical	Flexural strength	158	MPa	ASTM D790
	Flexural modulus	16	GPa	ASTM D790
	Tensile strength	95	MPa	ASTM D638
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.