

SUMIKON[®] FM-MK-150
Type: Black

Description	SUMIKON [®] FM-MK-150 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	2.01	-	ASTM D792
	Molding shrinkage(MD/ TD)	0.2/ 0.3	%	SB method
Thermal	Temperature of deflection under load	260<	° C @ 1.82 MPa	ASTM D648
	UL-flammability	V-0 (1.0)	- (mm)	UL94 based
	Coefficient of thermal expansion[MD/TD]	17/ 23	ppm	TMA
Mechanical	Flexural strength	146	MPa	ASTM D790
	Flexural modulus	17	GPa	ASTM D790
	Tensile strength	76	MPa	ASTM D638
	Izod impact strength notched	42	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.