

### **Engineering Plastics Material**

## SUMIKON<sup>®</sup> FM SUMITOMO BAKELITE CO., LTD.

# SUMIKON<sup>®</sup> FM-MK-124 Type: Black

Description	SUMIKON <sup>®</sup> FM-MK-124 is Glass fiber and inorganic filler filled Poly – phenylene sulfide molding compound with good mechanical
	property grade. This grade is official registered UL with V-0 (t=0.87).
Main filler	Glass fiber, Inorganic filler
Resin	Poly phenylene sulfide
Color	Black
Molding method	Injection

	Properties <sup>1</sup>	Typical Value <sup>2</sup>	Unit	Method
	Specific Gravity	1.63	-	ASTM D792
Physical	Molding shrinkage(MD/ TD)	0.2/0.6	%	SB method
-	Temperature of deflection under load	255	°C @ 1.82 MPa	ASTM D648
Thermal	UL-flammability	V-0 (0.87)	- (mm)	UL94 based
	Flexural strength	206	MPa	ASTM D790
ical	Flexural modulus	12	GPa	ASTM D790
Jan	Tensile strength	100	MPa	ASTM D638
Mechanical	Izod impact strength notched	72	J/m	ASTM D256
Electric				

RoHS : This grade is in compliance with RoHS

<sup>1</sup> Properties measured on injection molded test specimens.

<sup>2</sup> The above values are typical values, not guaranteed.

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