

SUMIKON® FM SUMITOMO BAKELITE CO., LTD.

Engineering Plastics Material

SUMIKON® FM-MK-160B

Type: Black

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 Resin Color Molding method

Poly phenylene sulfide

Glass fiber, Inorganic filler

Black Injection

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

RoHS: This grade is in compliance with RoHS

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¹ Properties measured on injection molded test specimens.

² The above values are typical values, not guaranteed.