

Description	SUMIKON PM-3027 Type Black is a Short Glass fiber & Mineral molding compound based on Phenolic Novolac (TS) polymer. It is supplied in the form of Granular/Molding Powder for Molding.
Main filler	Glass fiber , Inorganic filler
Resin	Novolac
Color	Black
Molding method	Compression

PHENOLIC

	Properties ¹	Typical Value ²	Unit	Method
Physical	Specific Gravity	1.75	-	JIS K 6911
	Water absorption	0.07	%	JIS K 6911
	Molding shrinkage	0.24	%	JIS K 6911
Thermal	Temperature of deflection under load	240	° C @ 1.82 MPa	JIS K 6911
Mechanical	Flexural strength	200	MPa	JIS K 6911
	Flexural modulus	15.1	GPa	JIS K 6911
	Tensile strength	100	MPa	JIS K 6911
	Compressive strength	230	MPa	JIS K 6911
	Charpy impact strength notched	5.1	kJ/m ²	JIS K 6911
Electric				

¹ Properties measured on transfer molded test specimens.

² The above values are typical values, not guaranteed.