

Sumikon® PM-3028

Phenolic

SBHPP

Message:

SUMIKON PM-3028 Type J 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.

General Information	
Filler / Reinforcement	Glass fiber reinforced material Mineral filler Inorganic filler
Appearance	Black
Forms	Powder Particles
Processing Method	Compression molding Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.75	g/cm ³	JIS K6911
Molding Shrinkage	0.21	%	ISO 294-4
Water Absorption (Equilibrium)	0.060	%	JIS K6911
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	110	MPa	ISO 527-2
Flexural Modulus	15800	MPa	ISO 178
Flexural Stress	200	MPa	ISO 178
Compressive Stress	275	MPa	ISO 604
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	2.5	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	215	°C	ISO 75-2/A

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