

Sumikon® PM-TX110

Phenolic
SBHPP

Message:

SUMIKON PM-TX110 is a Heat dissipative themoset molding compounds, Electrical insulative based on Phenolic polymer. It is supplied in the form of Granular/Molding Powder for Molding.

General Information			
Filler / Reinforcement	Inorganic filler		
Features	Insulation		
Appearance	Black		
Forms	Powder		
	Particles		
Processing Method	Resin transfer molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.11	g/cm ³	JIS K6911
Molding Shrinkage - Flow	0.33	%	JIS K6911
Water Absorption (Equilibrium)	0.080	%	JIS K6911
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	20000	MPa	JIS K6911
Flexural Strength	150	MPa	JIS K6911
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	3.3	kJ/m ²	JIS K6911
Thermal	Nominal Value	Unit	
Thermal Conductivity	1.0	W/m/K	
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength ¹	8.0	kV/mm	JIS K6911
Insulation Resistance			JIS K6911
-- ²	5.0E+12	ohms	JIS K6911
-- ³	4.0E+11	ohms	JIS K6911
NOTE			
1.	Method B (step by step)		
2.	As molded		
3.	After boiling		

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Recommended distributors for this material

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