

# Sumikon® FM-TC122

Polycarbonate

SBHPP

## Message:

SUMIKON® FM-TC122 is a Heat dissipative thermoplastic molding compounds, Non-electrical insulative, (2W/mk) filler filled Polycarbonate molding compound.

General Information			
Filler / Reinforcement	Glass fiber reinforced material Inorganic filler		
RoHS Compliance	RoHS compliance		
Appearance	Black		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage			Internal method
Flow	0.20	%	Internal method
Transverse flow	0.50	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	4500	MPa	ASTM D790
Flexural Strength	101	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	63	J/m	ASTM D256
Thermal	Nominal Value	Unit	
Thermal Conductivity	2.0	W/m/K	
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+9	ohms·cm	Internal method
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.8 mm)	V-2		UL 94

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## Recommended distributors for this material

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