

Sumikon® FM-CF101

Polyamide
SBHPP

Message:

SUMIKON® FM-CF101 is a conductivity filler filled Polyamide molding-compound with high electrical conductivity.

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Features	Conductivity		
RoHS Compliance	RoHS compliance		
Appearance	Black		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.47	g/cm ³	ASTM D792
Molding Shrinkage			Internal method
Flow	0.80	%	Internal method
Transverse flow	1.0	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	7400	MPa	ASTM D790
Flexural Strength	131	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	27	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Coefficient of Linear Thermal Expansion			TMA
MD	38	ppm	TMA
TD	78	ppm	TMA
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+3	ohms · cm	Internal method
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.5 mm)	HB		UL 94

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Recommended distributors for this material

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