

# Sumikon® FM-TK217A

Polyphenylene Sulfide

SBHPP

## Message:

SUMIKON® FM-XTK217A is a Heat dissipative thermoplastic molding compounds, Non-electrical insulative (7W/mk) glass fiber and Heat dissipative filler filled Poly phenylene sulfide molding compound. This grade is official registered UL with V-0 (t=1.0).

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
RoHS Compliance	RoHS compliance		
Appearance	Black		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.96	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage			Internal method
Flow	0.20	%	Internal method
Transverse flow	0.40	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	75.0	MPa	ASTM D638
Flexural Modulus	26000	MPa	ASTM D790
Flexural Strength	164	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Thermal Conductivity	3.0	W/m/K	
Coefficient of Linear Thermal Expansion			TMA
MD	21	ppm	TMA
TD	24	ppm	TMA
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	10	ohms·cm	Internal method
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.0 mm)	V-0		UL 94

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## Recommended distributors for this material

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