

Sumikon® FM-MK-152X

Polyphenylene Sulfide

SBHPP

Message:

SUMIKON® FM-MK-152X is Glass fiber and inorganic filler filled Polyphenylene sulfide molding compound with good mechanical property grade with low halogen content. This grade is official registered UL with V-0 (t=1.5).

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
	Inorganic filler		
Features	Low Halogen Content		
RoHS Compliance	RoHS compliance		
Appearance	Black		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.63	g/cm ³	ASTM D792
Molding Shrinkage			Internal method
Flow	0.20	%	Internal method
Transverse flow	0.30	%	Internal method
Chlorine Content		ppm	
Coefficient of Linear Thermal Expansion			TMA
MD	15	ppm	TMA
TD	27	ppm	TMA
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	60.0	MPa	ASTM D638
Flexural Modulus	17000	MPa	ASTM D790
Flexural Strength	159	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	46	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	> 260	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.5 mm)	V-0		UL 94

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Recommended distributors for this material

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