

# PERCOM® FHM20

Polypropylene Homopolymer

A. Schulman Europe

Message:

PERCOM® FHM20 is a Polypropylene Homopolymer (PP Homopolymer) material filled with mica. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Important attributes of PERCOM® FHM20 are:

Flame Rated

RoHS Compliant

Homopolymer

Typical applications include:

Construction Applications

Housings

General Information			
Filler / Reinforcement	Mica		
Features	Homopolymer		
	Sound Damping		
Uses	Acoustic Barrier		
	Housings		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ISO 1133
Molding Shrinkage	1.0 to 1.5	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	65		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	24.0	MPa	
Break	24.0	MPa	
Tensile Strain (Break)	28	%	ISO 527-2
Flexural Modulus	3000	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	3.0	kJ/m <sup>2</sup>	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	96.0	°C	ISO 306/A50
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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Recommended distributors for this material

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