

PERCOM® KHG20B

Polypropylene Homopolymer

A. Schulman Europe

Message:

PERCOM® KHG20B is a Polypropylene Homopolymer (PP Homopolymer) material filled with 20% glass bead. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Important attributes of PERCOM® KHG20B are:

Flame Rated

RoHS Compliant

Homopolymer

Typical application of PERCOM® KHG20B: Engineering/Industrial Parts

General Information			
Filler / Reinforcement	Glass Bead,20% Filler by Weight		
Features	Homopolymer		
Uses	Knobs		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.06	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ISO 1133
Molding Shrinkage	0.50 to 1.3	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	60.0	MPa	ISO 527-2
Tensile Strain (Break)	5.0	%	ISO 527-2
Flexural Modulus	3950	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	3.5	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	152	°C	ISO 75-2/B
1.8 MPa, Unannealed	135	°C	ISO 75-2/A
Vicat Softening Temperature	154	°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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