

# PERCOM® KHT10

Polypropylene Homopolymer

A. Schulman Europe

Message:

PERCOM® KHT10 is a Polypropylene Homopolymer (PP Homopolymer) material filled with 10% talc. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Important attributes of PERCOM® KHT10 are:

Flame Rated

RoHS Compliant

Homopolymer

Typical applications include:

Automotive

Housings

General Information			
Filler / Reinforcement	Talc,10% Filler by Weight		
Features	Homopolymer		
Uses	Automotive Applications Housings		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	0.980	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ISO 1133
Molding Shrinkage	1.3 to 1.8	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	65		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	27.0	MPa	ISO 527-2
Flexural Modulus	2300	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
Heat Deflection Temperature			
0.45 MPa, Unannealed	115	°C	ISO 75-2/B
1.8 MPa, Unannealed	82.0	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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