

PERCOM® DHG40

Polypropylene Homopolymer

A. Schulman Europe

Message:

PERCOM® DHG40 is a Polypropylene Homopolymer (PP Homopolymer) material filled with 40% glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Important attributes of PERCOM® DHG40 are:

Flame Rated

RoHS Compliant

Homopolymer

Typical application of PERCOM® DHG40: Engineering/Industrial Parts

General Information			
Filler / Reinforcement	Glass Fiber,40% Filler by Weight		
Features	Homopolymer		
Uses	Structural Parts		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.5	g/10 min	ISO 1133
Molding Shrinkage	0.20 to 0.50	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	69		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	106	MPa	ISO 527-2
Flexural Modulus	7800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	13	kJ/m²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	155	°C	ISO 75-2/B
1.8 MPa, Unannealed	126	°C	ISO 75-2/A
Vicat Softening Temperature	159	°C	ISO 306/A50
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

