

PERCOM® DCG40

Polypropylene Copolymer

A. Schulman Europe

Message:

PERCOM® DCG40 is a Polypropylene Copolymer (PP Copolymer) 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® DCG40 are:

Flame Rated

RoHS Compliant

Copolymer

Typical application of PERCOM® DCG40: Engineering/Industrial Parts

General Information			
Filler / Reinforcement	Glass Fiber,40% Filler by Weight		
Features	Copolymer		
Uses	Fittings		
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)	71		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	85.0	MPa	ISO 527-2
Flexural Modulus	5600	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	14	kJ/m²	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	138	°C	ISO 75-2/A
Vicat Softening Temperature	165	°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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