

PERCOM® DCG30

Polypropylene Copolymer

A. Schulman Europe

Message:

PERCOM® DCG30 is a Polypropylene Copolymer (PP Copolymer) material filled with 30% glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Important attributes of PERCOM® DCG30 are:

Flame Rated

RoHS Compliant

Copolymer

Typical applications include:

Furniture

Medical/Healthcare

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Copolymer		
Uses	Furniture		
	Medical/Healthcare Applications		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.5	g/10 min	ISO 1133
Molding Shrinkage	0.30 to 0.50	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	69		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	75.0	MPa	ISO 527-2
Flexural Modulus	5100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	12	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	150	°C	ISO 75-2/B
1.8 MPa, Unannealed	136	°C	ISO 75-2/A
Vicat Softening Temperature	158	°C	ISO 306/A50
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	

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