

PERCOM® XG1234

Polypropylene Copolymer

A. Schulman Europe

Message:

PERCOM® XG1234 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® XG1234 are:

- Flame Rated
- RoHS Compliant
- Copolymer
- Impact Resistant

Typical applications include:

- Engineering/Industrial Parts
- Plumbing/Piping/Potable Water

General Information			
UL YellowCard	E132739-567481		
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	High Impact Resistance		
	Impact Copolymer		
Uses	Structural Parts		
Agency Ratings	WRAS Unspecified Rating		
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)	7.0	g/10 min	ISO 1133
Molding Shrinkage	0.30 to 0.50	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	67		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	83.0	MPa	
Break	65.0	MPa	
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	5500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	17	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	151	°C	ISO 75-2/B
1.8 MPa, Unannealed	134	°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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Recommended distributors for this material

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