GATONE™ 5320GF

Polyetheretherketone

Solvay Specialities India Private Limited (SSIPL)

Message:

GATONE™ 5320GF is a Polyetheretherketone (PEEK) material filled with 20% glass fiber. It is available in Asia Pacific, Europe, or North America.

Important attributes of GATONE™ 5320GF are:

Chemical Resistant

Heat Resistant

Radiation (Gamma) Resistant

Wear Resistant

Typical applications include:

Aerospace

Engineering/Industrial Parts

Electrical/Electronic Applications

Plumbing/Piping/Potable Water

Printing Applications

General Information	
Filler / Reinforcement	Glass Fiber,20% Filler by Weight
Features	Good Chemical Resistance
	Good Thermal Stability
	Good Wear Resistance
	Hydrolysis Resistant
	Machinable
	Radiation (Gamma) Resistant
	Tracking Resistant
Uses	Aerospace Applications
	Aircraft Applications
	Electrical/Electronic Applications
	Fluid Handling
	Printer Parts
	Pump Parts
	Rotating Equipment
	Valves/Valve Parts
Forms	Pellets

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.47	g/cm³	ASTM D792

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8270	MPa	ASTM D638
Tensile Strength	115	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	6890	MPa	ASTM D790

Flexural Strength	200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	50	J/m	ASTM D256
Unnotched Izod Impact	620	J/m	ASTM D256

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