

Generic PAEK - Glass Fiber

Polyaryletherketone

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic PAEK - Glass Fiber
This information is provided for comparative purposes only.

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37 - 1.65	g/cm ³	ASTM D792
Water Absorption (23°C, 24 hr)	0.099 - 0.20	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	6210 - 15100	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	1.8 - 3.2	%	ASTM D638
Flexural Modulus (23°C)	5520 - 14800	MPa	ASTM D790
Electrical	Nominal Value		Test Method
Dielectric Constant (23°C)	3.48 - 3.74		ASTM D150
Dissipation Factor (23°C)	0.0 - 5.1E-3		ASTM D150
Injection	Nominal Value	Unit	
Drying Temperature	149 - 150	°C	
Drying Time	3.0 - 4.0	hr	
Rear Temperature	360 - 366	°C	
Middle Temperature	371	°C	
Front Temperature	377 - 382	°C	
Mold Temperature	183 - 184	°C	
Injection instructions			

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Recommended distributors for this material

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