

Generic PEEK - Aramid Fiber

Polyetheretherketone

Generic

Message:

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

General Information			
Filler / Reinforcement	Aramid fiber		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31 - 1.50	g/cm ³	ASTM D792
Molding Shrinkage - Flow (23°C)	0.13 - 1.3	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	5170 - 5560	MPa	ASTM D638
Tensile Strength (23°C)	82.7 - 88.3	MPa	ASTM D638
Flexural Modulus (23°C)	4820 - 5720	MPa	ASTM D790
Flexural Strength (23°C)	138 - 155	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37 - 44	J/m	ASTM D256
Unnotched Izod Impact (23°C)	270 - 640	J/m	ASTM D256
Injection	Nominal Value	Unit	
Drying Temperature	120 - 150	°C	
Drying Time	3.0 - 7.0	hr	
Processing (Melt) Temp	374 - 390	°C	
Mold Temperature	163 - 191	°C	
Injection Pressure	92.7 - 104	MPa	
Injection instructions			

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Recommended distributors for this material

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