

Edgetek™ PK-10GF/000

PEEK-GF10

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0045	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	5520	MPa	ASTM D 638
Tensile Strength at Yield	124	MPa	ASTM D 638
Elongation at Break	4.5	%	ASTM D 638
Flexural Modulus	5170	MPa	ASTM D 790
Flexural Strength	193	MPa	ASTM D 790
Izod Impact notched, 1/8 in	75	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	210	°C	ASTM D 648
Other properties			
ASTM Data			
Water Absorption, 24hr	0.2	%	ASTM D 570
Density	1390	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Melt temperature	377 - 388	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

Heat stabilized or stable to heat

Applications

Automotive, General Purpose

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa