

Edgetek™ AT-1000

POM-GF10

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.021	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	3000	MPa	ASTM D 638
Tensile Strength at Yield	60.7	MPa	ASTM D 638
Elongation at Break	9	%	ASTM D 638
Flexural Modulus	2520	MPa	ASTM D 790
Flexural Strength	89.6	MPa	ASTM D 790
Izod Impact notched, 1/8 in	69	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	110	°C	ASTM D 648
Other properties			
Value			
Water Absorption, 24hr	0.2	%	ASTM D 570
Density	1410	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Value			
Melt temperature	204 - 227	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Features

Copolymer

Applications

Automotive, General Purpose

Regional Availability

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