

Stat-Tech™ AS-13CF/000 Black

ABS-CF13

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0012	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.004	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	7720	MPa	ASTM D 638
Tensile Strength at Yield	78.6	MPa	ASTM D 638
Elongation at Break	1	%	ASTM D 638
Flexural Modulus	8620	MPa	ASTM D 790
Flexural Strength	123	MPa	ASTM D 790
Izod Impact notched, 1/8 in	43	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	98.9	°C	ASTM D 648
DTUL @ 264 psi	95.6	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	100000	Ohm	ASTM D 257
Volume Resistivity	100000	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1100	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	227 - 238	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

Increased electrical conductivity, Anti-static

Applications

Aircraft and Aerospace, Automotive, IT / Business Machine, Electrical and Electronical, Encapsulation

Regional Availability

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