

Stat-Tech™ ST0120-0020 ESD FR Black

TPU

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.009	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	10.3	MPa	ASTM D 638
Shore A Hardness	83	-	ASTM D 2240
Shore D Hardness	27	-	ASTM D 2240

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	3.2	mm	-

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	1E9	Ohm	ASTM D 257
Volume Resistivity	1E9	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1460	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

Increased electrical conductivity, Flame retardant

Regional Availability

North America