

Trilliant™ HC HC6600-0010 ESD Black

PA66-CF10

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0025	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	3590	MPa	ASTM D 638
Tensile Strength at Break	138	MPa	ASTM D 638
Elongation at Break	4	%	ASTM D 638
Flexural Modulus	6890	MPa	ASTM D 790
Flexural Strength	193	MPa	ASTM D 790
Izod Impact notched, 1/8 in	27	J/m	ASTM D 256

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	1190	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	282 - 310	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Black

Chemical Resistance

General Chemical Resistance

Applications

IT / Business Machine, Electrical and Electronical, Encapsulation, Medical, Sports Equipment

Regional Availability

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