

Trilliant™ HC HC6010-8001 WT
(PA6+PTFE)-GF50

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	195	MPa	ASTM D 638
Flexural Modulus	13000	MPa	ASTM D 790
Flexural Strength	300	MPa	ASTM D 790
Izod Impact notched, 1/8 in	180	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	215	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	1E12	Ohm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1630	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	240 - 280	°C	-
Mold temperature	65 - 85	°C	-

Characteristics

Processing

Injection Molding

Delivery form

White

Additives

Lubricants

Applications

Medical

Regional Availability

Asia Pacific