

Trilliant™ HC HC6620-0033 RS Natural

PA66-GF33

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.017	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	190	MPa	ASTM D 638
Elongation at Break	12	%	ASTM D 638
Flexural Modulus	8960	MPa	ASTM D 790
Flexural Strength	276	MPa	ASTM D 790
Izod Impact notched, 1/8 in	110	J/m	ASTM D 256

Other properties	Value	Unit	Test Standard
Density	1400	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	82.2	°C	-
Pre-drying - Time	3	h	-
Melt temperature	282 - 293	°C	-
Mold temperature	60 - 71.1	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Natural Color

Chemical Resistance

General Chemical Resistance

Certifications

Medical Grade, US Pharmacopeia Class VI Approved

Applications

Encapsulation, Medical

Regional Availability

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