

Bergadur™ PB40 G20 U NC015

PBT-GF20

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0045	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	116	MPa	ASTM D 638
Flexural Modulus	6000	MPa	ASTM D 790
Flexural Strength	165	MPa	ASTM D 790
Izod Impact notched, 1/8 in	70	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	200	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1550	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	110 - 130	°C	-
Pre-drying - Time	4 - 6	h	-
Mold temperature	75 - 95	°C	-
Zone 1	240 - 270	°C	-
Zone 2	240 - 270	°C	-
Zone 3	240 - 270	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Special Characteristics

Flame retardant

Regional Availability

Asia Pacific