

Bergadur™ PB400 G/C 30 U BK075

PBT-(CF+GF)

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.007	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	135	MPa	ASTM D 638
Flexural Modulus	11200	MPa	ASTM D 790
Flexural Strength	195	MPa	ASTM D 790
Izod Impact notched, 1/8 in	75	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	198	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	1E8	Ohm	ASTM D 257
Other properties			
Density	1550	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	130 - 140	°C	-
Pre-drying - Time	4 - 6	h	-
Mold temperature	20 - 90	°C	-
Zone 1	240 - 270	°C	-
Zone 2	240 - 270	°C	-
Zone 3	240 - 270	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Flame retardant, High impact or impact modified

Delivery form

Pellets, Black

Regional Availability

Asia Pacific