

Bergadur™ PBT-GL45 BK018

PBT-GF45

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	140	MPa	ASTM D 638
Flexural Modulus	11000	MPa	ASTM D 790
Flexural Strength	220	MPa	ASTM D 790
Izod Impact notched, 1/8 in	110	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	210	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	1E15	Ohm	ASTM D 257
Other properties			
Density	1650	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
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

Regional Availability

Asia Pacific

Delivery form

Pellets, Black