

Bergadur™ PB40 G15 U BK020

PBT-GF15

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0075	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Tensile Strength	95	MPa	ISO 527
Flexural modulus, 23°C	5800	MPa	ISO 178
Charpy notched impact strength, +23°C	5.2	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	195	°C	ISO 75-1/-2
Electrical properties			
ASTM Data			
Surface Resistivity	1E13	Ohm	ASTM D 257
Other properties			
Density	1530	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	110 - 130	°C	-
Pre-drying - Time	4 - 6	h	-
Melt temperature	240 - 270	°C	-
Mold temperature	75 - 95	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Flame retardant

Delivery form

Pellets, Black

Regional Availability

Asia Pacific