

**Bergadur™ PB40 G45 BK006**

PBT-GF45

Avient Corporation

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.005</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength	<b>140</b>	MPa	ASTM D 638
Flexural Modulus	<b>11000</b>	MPa	ASTM D 790
Flexural Strength	<b>220</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>110</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 264 psi	<b>210</b>	°C	ASTM D 648
<b>Electrical properties</b>			
<b>ASTM Data</b>			
Surface Resistivity	<b>1E15</b>	Ohm	ASTM D 257
<b>Other properties</b>			
Density	<b>1650</b>	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	<b>110 - 130</b>	°C	-
Pre-drying - Time	<b>4 - 6</b>	h	-
Mold temperature	<b>75 - 95</b>	°C	-
Zone 1	<b>240 - 270</b>	°C	-
Zone 2	<b>240 - 270</b>	°C	-
Zone 3	<b>240 - 270</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Asia Pacific

**Delivery form**

Black