

Bergamid™ B700 G30 H BL244

PA6-GF30

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0045	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Charpy notched impact strength, +23°C	11	kJ/m ²	ISO 179/1eA
ASTM Data			
Tensile Strength	160	MPa	ASTM D 638
Flexural Modulus	8200	MPa	ASTM D 790
Flexural Strength	250	MPa	ASTM D 790
Thermal properties			
ASTM Data			
DTUL @ 264 psi	210	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	1E12	Ohm	ASTM D 257
Other properties			
Density	1360	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	240 - 280	°C	-
Mold temperature	65 - 85	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Asia Pacific