

Bergamid™ B70 G50 BK055

PA6-GF50

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Flexural modulus, 23°C	13000	MPa	ISO 178
Charpy notched impact strength, +23°C	13	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	215	°C	ISO 75-1/-2
Electrical properties			
ASTM Data			
Surface Resistivity	1E12	Ohm	ASTM D 257
Other properties			
Density	1570	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

Delivery form

Black