

Bergamid™ B70 G40 H UV BK043

PA6-GF40

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0035	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	195	MPa	ASTM D 638
Flexural Modulus	10000	MPa	ASTM D 790
Flexural Strength	270	MPa	ASTM D 790
Izod Impact notched, 1/8 in	160	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	215	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	1E12	Ohm	ASTM D 257
Other properties			
Density	1470	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

Delivery form

Black

Special Characteristics

U.V. stabilized or stable to weather

Regional Availability

Asia Pacific