

Bergamid™ A70 G30 U

PA66-GF30

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0015	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Tensile Modulus	11600	MPa	ISO 527
Stress at break	170	MPa	ISO 527
Strain at break	2	%	ISO 527
Charpy impact strength, +23°C	55	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	8	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	250	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	250	°C	ISO 75-1/-2
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.8	mm	-
Electrical properties			
ISO Data			
Volume resistivity	1E10	Ohm*m	IEC 62631-3-1
Surface resistivity	1E10	Ohm	IEC 62631-3-2
Comparative tracking index	300	-	IEC 60112
Other properties			
Density	1600	kg/m ³	ISO 1183
Water Absorption, 24hr	0.03	%	ASTM D 570
Processing Recommendation Injection Molding			
Melt temperature	265 - 290	°C	-
Mold temperature	60 - 90	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

Flame retardant

Regional Availability

Europe