

Bergamid™ BG6000-8036 RS BK001

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			
Tensile Strength	160	MPa	ISO 527
Flexural modulus, 23°C	8500	MPa	ISO 178
Charpy notched impact strength, +23°C	12	kJ/m ²	ISO 179/1eA
Thermal properties			
ASTM Data			
DTUL @ 264 psi	210	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	1E14	Ohm	ASTM D 257
Other properties			
Density	1370	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	4 - 6	h	-
Mold temperature	65 - 85	°C	-
Zone 1	240 - 280	°C	-
Zone 2	240 - 280	°C	-
Zone 3	240 - 280	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Asia Pacific

Delivery form

Black