

Bergamid™ B65 G30 black IG

PA6-GF30

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	8	cm ³ /10min	ISO 1133
Temperature	235	°C	-
Load	2.16	kg	-
Melt flow index, MFI	10	g/10min	ISO 1133
Temperature	235	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	8300	MPa	ISO 527
Stress at break	150	MPa	ISO 527
Strain at break	3	%	ISO 527
Charpy impact strength, +23°C	55	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	10	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	210	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	220	°C	ISO 75-1/-2
Electrical properties			
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E13	Ohm	IEC 62631-3-2
Other properties			
Density	1360	kg/m ³	ISO 1183

Characteristics**Delivery form**

Pellets, Black

Regional Availability

Europe