

Bergamid™ PA66 C20 Black

PA66-CF20

Avient Corporation

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	13200	MPa	ISO 527
Tensile Strength	203	MPa	ISO 527
Strain at break	2.3	%	ISO 527
Charpy impact strength, +23°C	61	kJ/m ²	ISO 179/1eU
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	235	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	245	°C	ISO 75-1/-2
Electrical properties			
ASTM Data			
Surface Resistivity	1700	Ohm	ASTM D 257
Other properties			
Density	1230	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	4 - 6	h	-
Melt temperature	260 - 280	°C	-
Mold temperature	65 - 85	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

High impact or impact modified

Regional Availability

North America, Europe, Asia Pacific