

Bergamid™ A700 Mi/G30 UF

PA66-(GF+MX)30

Avient Corporation

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	8200	MPa	ISO 527
Stress at break	110	MPa	ISO 527
Strain at break	2.4	%	ISO 527
Charpy impact strength, +23°C	18	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	4.5	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	205	°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			
Relative permittivity, 1MHz	3.6	-	IEC 62631-2-1
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E13	Ohm	IEC 62631-3-2
Comparative tracking index	600	-	IEC 60112
Other properties			
Density	1420	kg/m ³	ISO 1183

Characteristics**Delivery form**

Pellets

Regional Availability

Europe, Asia Pacific, Near East/Africa

Special Characteristics

Flame retardant, Halogen-free