

Bergamid™ A70 G25 H natur TM-X

PA66-GF25

Avient Corporation

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	8500	MPa	ISO 527
Stress at break	160	MPa	ISO 527
Strain at break	3	%	ISO 527
Charpy notched impact strength, +23°C	12	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	9	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	250	°C	ISO 75-1/-2
Electrical properties			
ISO Data			
Relative permittivity, 1MHz	3.5	-	IEC 62631-2-1
Dissipation factor, 1MHz	15	E-4	IEC 62631-2-1
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E13	Ohm	IEC 62631-3-2
Electric strength	80	kV/mm	IEC 60243-1
Comparative tracking index	400	-	IEC 60112
Other properties			
Density	1380	kg/m ³	ISO 1183

Characteristics**Delivery form**

Pellets

Regional Availability

Europe, Asia Pacific, Near East/Africa

Special Characteristics

Flame retardant, Halogen-free, Heat stabilized or stable to heat