

Bergamid™ A70 G35 UF SO

PA66-GF35

Avient Corporation

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	12000	MPa	ISO 527
Stress at break	130	MPa	ISO 527
Strain at break	2	%	ISO 527
Charpy impact strength, +23°C	50	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	7.5	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	236	°C	ISO 75-1/-2
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.8	mm	-
Electrical properties			
ISO Data			
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	1470	kg/m ³	ISO 1183

Characteristics**Delivery form**

Pellets

Regional Availability

North America, Europe, Asia Pacific, Near East/Africa

Special Characteristics

Flame retardant, Halogen-free