

**Bergamid™ A70 G25 H U-SO**

PA66-GF25

Avient Corporation

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