

**Bergamid™ A70 G25 U-SO TM**

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>8000</b>	MPa	ISO 527
Stress at break	<b>125</b>	MPa	ISO 527
Strain at break	<b>2</b>	%	ISO 527
Charpy notched impact strength, +23°C	<b>7</b>	kJ/m <sup>2</sup>	ISO 179/1eA

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	<b>250</b>	°C	ISO 75-1/-2
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94
Thickness tested	<b>0.8</b>	mm	-

<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Volume resistivity	<b>1E13</b>	Ohm*m	IEC 62631-3-1
Surface resistivity	<b>1E13</b>	Ohm	IEC 62631-3-2
Comparative tracking index	<b>400</b>	-	IEC 60112

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1400</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Delivery form**

Pellets

**Regional Availability**

Europe

**Special Characteristics**

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