

**Bergamid™ A700 G15 H W UF GN046**

PA66-GF15

Avient Corporation

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.007</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Strength	<b>100</b>	MPa	ISO 527
Flexural modulus, 23°C	<b>6000</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>5</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>225</b>	°C	ISO 75-1/-2
<b>Electrical properties</b>			
<b>ASTM Data</b>			
Surface Resistivity	<b>1E12</b>	Ohm	ASTM D 257
<b>Other properties</b>			
Density	<b>1310</b>	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	<b>80 - 90</b>	°C	-
Pre-drying - Time	<b>4 - 6</b>	h	-
Melt temperature	<b>260 - 280</b>	°C	-
Mold temperature	<b>65 - 85</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Asia Pacific

**Special Characteristics**

Flame retardant