

**Bergamid™ A70 G10 H NC030**

PA66-GF10

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.0105</b>	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength	<b>110</b>	MPa	ASTM D 638
Flexural Modulus	<b>4500</b>	MPa	ASTM D 790
Flexural Strength	<b>160</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>40</b>	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 264 psi	<b>210</b>	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	<b>1210</b>	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	<b>80 - 90</b>	°C	-
Pre-drying - Time	<b>4 - 6</b>	h	-
Mold temperature	<b>65 - 85</b>	°C	-
Zone 1	<b>260 - 280</b>	°C	-
Zone 2	<b>260 - 280</b>	°C	-
Zone 3	<b>260 - 280</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Natural Color

**Special Characteristics**

Heat stabilized or stable to heat

**Regional Availability**

Asia Pacific