

**Bergamid™ A70 G15 H RAL9005**

PA66-GF15

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.008	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength	120	MPa	ASTM D 638
Flexural Modulus	5300	MPa	ASTM D 790
Flexural Strength	180	MPa	ASTM D 790
Izod Impact notched, 1/8 in	45	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 264 psi	230	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1250	kg/m <sup>3</sup>	ASTM D 792

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

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Asia Pacific

**Delivery form**

Black