

**Bergamid™ A70 G30 BK076 ROHS**

PA66-GF30

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.0045</b>	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Strength	<b>180</b>	MPa	ISO 527
Strain at break	<b>4</b>	%	ISO 527
Flexural modulus, 23°C	<b>8500</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>9</b>	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 264 psi	<b>245</b>	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	<b>1360</b>	kg/m <sup>3</sup>	ISO 1183

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

**Regional Availability**

Asia Pacific

**Delivery form**

Black