

Bergamid™ NN-50GF/1M BK046

PA66-GF50

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0025	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	210	MPa	ASTM D 638
Flexural Modulus	15000	MPa	ASTM D 790
Flexural Strength	330	MPa	ASTM D 790
Izod Impact notched, 1/8 in	130	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	250	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	1E12	Ohm	ASTM D 257
Other properties			
Density	1590	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	4 - 6	h	-
Melt temperature	260 - 280	°C	-
Mold temperature	65 - 85	°C	-

Characteristics**Processing**

Injection Molding

Additives

Lubricants

Delivery form

Black

Regional Availability

Asia Pacific