

Gravi-Tech™ GRV-NY-060-CU

PA6

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Charpy impact strength, +23°C	6	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	2.5	kJ/m ²	ISO 179/1eA
ASTM Data			
Tensile Modulus	16500	MPa	ASTM D 638
Tensile Strength at Yield	45.5	MPa	ASTM D 638
Elongation at Break	1.2	%	ASTM D 638
Flexural Modulus	14500	MPa	ASTM D 790
Thermal properties			
ASTM Data			
DTUL @ 66 psi	152	°C	ASTM D 648
Other properties			
Density	6000	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	79.4	°C	-
Pre-drying - Time	4	h	-
Melt temperature	260 - 288	°C	-
Mold temperature	82.2 - 149	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Applications

Medical, Sports Equipment

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa