

Gravi-Tech™ GRV-PS-027-BA-WHT

PBT

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.014	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	6890	MPa	ASTM D 638
Tensile Strength at Yield	38.6	MPa	ASTM D 638
Elongation at Break	1	%	ASTM D 638
Flexural Modulus	6890	MPa	ASTM D 790
Flexural Strength	68.9	MPa	ASTM D 790

Other properties	Value	Unit	Test Standard
Density	2700	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	107	°C	-
Melt temperature	249 - 266	°C	-
Mold temperature	82.2 - 121	°C	-

Characteristics**Processing**

Injection Molding

Applications

Medical, Sports Equipment

Delivery form

Pellets, White

Regional Availability

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