

Gravi-Tech™ GRV NJ-090-W Black SO1

PA12

Avient Corporation

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	11500	MPa	ISO 527
Stress at break	60	MPa	ISO 527
Strain at break	0.85	%	ISO 527
Flexural modulus, 23°C	12400	MPa	ISO 178
Charpy impact strength, +23°C	12	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6	kJ/m ²	ISO 179/1eA

Other properties	Value	Unit	Test Standard
Density	8850	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	3 - 4	h	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Black

Chemical Resistance

Radiation Resistance

Applications

Medical, Sports Equipment

Regional Availability

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