

PlusTek PB7002G3NT

PA6-GF15

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Molding shrinkage, normal	0.7	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	6100	MPa	ISO 527
Tensile Strength	138	MPa	ISO 527
Strain at break	3.3	%	ISO 527
Charpy notched impact strength, +23°C	6.8	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	7	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	198	°C	ISO 75-1/-2
Burning rate, FMVSS, Thickness 1 mm	100	mm/min	ISO 3795 (FMVSS 302)
ASTM Data			
Vicat Temperature	220	°C	ASTM D 1525
Other properties			
Water absorption	8	%	Sim. to ISO 62
Humidity absorption	2.5	%	Sim. to ISO 62
Density	1230	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.15	%	-
Mold temperature	65 - 80	°C	-
Feed temperature	60 - 70	°C	-
Zone 1	240 - 280	°C	-
Zone 2	240 - 280	°C	-
Zone 3	240 - 280	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Special Characteristics

U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Applications

Automotive

Regional Availability

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