

PlusTek PB374G50GD13

PA6-GF50

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.1	%	ISO 294-4, 2577
Molding shrinkage, normal	0.3	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	140	MPa	ISO 527
Strain at break	2.3	%	ISO 527
Izod notched impact strength, +23°C	17.5	kJ/m ²	ISO 180/1A

Other properties	Value	Unit	Test Standard
Water absorption	3.5	%	Sim. to ISO 62
Humidity absorption	1.5	%	Sim. to ISO 62
Density	1520	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4 - 8	h	-
Processing humidity	≤0.15	%	-
Mold temperature	55 - 90	°C	-
Feed temperature	60 - 80	°C	-
Zone 1	230 - 240	°C	-
Zone 2	240	°C	-
Zone 3	230 - 270	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

High impact or impact modified

Regional Availability

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