

PlusTek PA3003G6NT-N

PA66-GF30

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.4	%	ISO 294-4, 2577
Molding shrinkage, normal	0.9	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	9850	MPa	ISO 527
Tensile Strength	200	MPa	ISO 527
Yield strain	3.1	%	ISO 527
Strain at break	3.4	%	ISO 527
Izod notched impact strength, +23°C	13	kJ/m ²	ISO 180/1A
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	3	mm	-
Other properties			
Water absorption	6	%	Sim. to ISO 62
Humidity absorption	2	%	Sim. to ISO 62
Density	1350	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.15	%	-
Mold temperature	70 - 120	°C	-
Feed temperature	60 - 70	°C	-
Zone 1	260 - 280	°C	-
Zone 2	270 - 300	°C	-
Zone 3	280 - 300	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Special Characteristics

Heat stabilized or stable to heat

Certifications

Drinking water contact, Drinking water contact NSF 61, RoHS compliant

Regional Availability

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