

PlusTek PA4802G6NT

(PA66+PTFE)-GF30

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Molding shrinkage, normal	1.0	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	10000	MPa	ISO 527
Tensile Strength	180	MPa	ISO 527
Strain at break	3.2	%	ISO 527
Flexural modulus, 23°C	7400	MPa	ISO 178
Flexural strength	260	MPa	ISO 178
Izod notched impact strength, +23°C	15	kJ/m ²	ISO 180/1A
Izod notched impact strength Temperature	12	kJ/m ²	ISO 180/1A
	-40	°C	-
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	245	°C	ISO 75-1/-2
Other properties			
Value			
Humidity absorption	1.5	%	Sim. to ISO 62
Density	1500	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Value			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.15	%	-
Mold temperature	80 - 90	°C	-
Feed temperature	60 - 70	°C	-
Zone 1	260 - 280	°C	-
Zone 2	260 - 280	°C	-
Zone 3	280 - 300	°C	-

Characteristics**Processing**

Injection Molding

Certifications

RoHS compliant

Delivery form

Natural Color

Regional Availability

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

Additives

Lubricants