

PlusTek PA4803NT

(PA66+PTFE)

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.2	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	2200	MPa	ISO 527
Tensile Strength	50	MPa	ISO 527
Yield strain	13	%	ISO 527
Flexural modulus, 23°C	2100	MPa	ISO 178
Flexural strength	80	MPa	ISO 178
Izod notched impact strength, +23°C	11	kJ/m ²	ISO 180/1A
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	76.2	mm	-
Other properties			
Water absorption	7	%	Sim. to ISO 62
Humidity absorption	2.1	%	Sim. to ISO 62
Density	1150	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4 - 8	h	-
Processing humidity	≤0.15	%	-
Mold temperature	60 - 90	°C	-
Feed temperature	60 - 70	°C	-
Zone 1	260 - 270	°C	-
Zone 2	260 - 270	°C	-
Zone 3	260 - 270	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

High impact or impact modified

Delivery form

Natural Color

Certifications

RoHS compliant

Additives

Lubricants

Regional Availability

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