

PlusTek PA517NT

PA66/6

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	3570	MPa	ISO 527
Tensile Strength	80	MPa	ISO 527
Yield strain	3.9	%	ISO 527
Strain at break	4	%	ISO 527
Izod notched impact strength, +23°C	3.7	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Burning behav. at 1.5 mm nom. thickn. Thickness tested	V-0	class	IEC 60695-11-10
Burning behav. at thickness h Thickness tested	V-0	class	IEC 60695-11-10
Other properties			
Water absorption	8	%	Sim. to ISO 62
Humidity absorption	2.5	%	Sim. to ISO 62
Density	1180	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 - 80	°C	-
Zone 1	250 - 260	°C	-
Zone 2	260 - 270	°C	-
Zone 3	260 - 280	°C	-

Characteristics**Processing**

Injection Molding

Features

Copolymer

Delivery form

Natural Color

Certifications

RoHS compliant

Special Characteristics

Flame retardant, Halogen-free, Phosphorus-free

Regional Availability

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