

PlusTek PA863NT

PA66

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.6	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	1200	MPa	ISO 527
Tensile Strength	40	MPa	ISO 527
Yield strain	5	%	ISO 527
Flexural modulus, 23°C	1170	MPa	ISO 178
Flexural strength	50	MPa	ISO 178
Izod notched impact strength, +23°C	85	kJ/m ²	ISO 180/1A
Other properties			
Water absorption	8	%	Sim. to ISO 62
Humidity absorption	2	%	Sim. to ISO 62
Density	1030	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

Delivery form

Natural Color

Special Characteristics

High impact or impact modified

Certifications

RoHS compliant

Regional Availability

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