

**PlusTek PA124NT**

PA66

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	1.8	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	3000	MPa	ISO 527
Tensile Strength	82	MPa	ISO 527
Yield strain	4.5	%	ISO 527
Charpy notched impact strength, +23°C	6.4	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	72	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	200	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Water absorption	9	%	Sim. to ISO 62
Humidity absorption	3	%	Sim. to ISO 62
Density	1140	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4 - 8	h	-
Processing humidity	≤0.15	%	-
Mold temperature	70 - 120	°C	-
Feed temperature	60 - 70	°C	-
Zone 1	265 - 280	°C	-
Zone 2	270 - 300	°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