

**PlusTek PB360B60NT**

PA6-MX60

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	<b>12.5</b>	g/10min	ISO 1133
Temperature	<b>250</b>	°C	-
Load	<b>5</b>	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	<b>5540</b>	MPa	ISO 527
Tensile Strength	<b>45.5</b>	MPa	ISO 527
Yield strain	<b>1.7</b>	%	ISO 527
Strain at break	<b>4.3</b>	%	ISO 527
Flexural modulus, 23°C	<b>5300</b>	MPa	ISO 178
Flexural strength	<b>85</b>	MPa	ISO 178
Charpy impact strength, +23°C	<b>20</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>6.5</b>	kJ/m <sup>2</sup>	ISO 179/1eA

Other properties	Value	Unit	Test Standard
Density	<b>2000</b>	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	<b>80</b>	°C	-
Pre-drying - Time	<b>3 - 4</b>	h	-
Processing humidity	<b>≤0.1</b>	%	-
Mold temperature	<b>60 - 100</b>	°C	-
Feed temperature	<b>60 - 70</b>	°C	-
Zone 1	<b>250 - 260</b>	°C	-
Zone 2	<b>260 - 270</b>	°C	-
Zone 3	<b>270 - 280</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Natural Color

**Certifications**

RoHS compliant

**Regional Availability**

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