

PlusTek PA3510M8NT

PA66-MX40

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.7	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	8250	MPa	ISO 527
Tensile Strength	94	MPa	ISO 527
Strain at break	2	%	ISO 527
Flexural modulus, 23°C	6990	MPa	ISO 178
Flexural strength	158	MPa	ISO 178
Izod notched impact strength, +23°C	3.6	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	152	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	240	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Water absorption	5.5	%	Sim. to ISO 62
Humidity absorption	1.5	%	Sim. to ISO 62
Density	1500	kg/m ³	ISO 1183

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