

PRIMARY MFG

PA-12 MJF

Picture
Coming Soon

Low-cost material used to make strong, high quality parts.

Tensile Properties, ASTM D638	Metric	US.
Tensile Modulus, XY	1700 MPa	247 KSI
Tensile Modulus, Z	1800 MPa	261 KSI
Ultimate Tensile Strength, XY	48 MPa	6960 PSI
Ultimate Tensile Strength, Z	48 MPa	6960 PSI
Elongation at Break, XY		20%
Elongation at Break, Z		15%
Flexural Properties, ASTM D790		
Flexural Modulus, XY	1730 MPa	251 KSI
Flexural Modulus, Z	1730 MPa	251 KSI
Flexural Strength, XY	65 MPa	9425 PSI
Flexural Strength, Z	70 MPa	10150 PSI
Impact Properties		
Notched Izod, ASTM D256	3.5 kJ/m ²	1.7 Ft-lbs/in ²
Thermal Properties		
Heat Deflection, ASTM D648, XY	175°C @0.45 MPa	347°F @66PSI
	95°C @1.82 MPa	203°F @264 PSI
Heat Deflection, ASTM D648, Z	175°C @0.45 MPa	347°F @66PSI
	106°C @1.82 MPa	223°F @264 PSI
General Properties		
Density, ASTM D792	1.01 g/cm ³	0.036 lb/in ³