

PRIMARY MFG

Picture
Coming Soon

Polypropylene MJF

Polypropylene boasts excellent plasticity, higher elongation, durability, and low moisture absorption.

Tensile Properties, ASTM D638	Metric	US.
Tensile Strength, XY	30 MPa	4351 PSI
Tensile Strength, Z	30 MPa	4351 PSI
Tensile Modulus, XY	1600 MPa	
Tensile Modulus, Z	1600 MPa	
Elongation at Break, XY	20%	
Elongation at Break, Z	18%	
Elongation at yield (%) XY	10%	
Elongation at yield (%) Z	10%	
Impact strength (kJ/m ²) XY	3.5 kJ/m ²	
Impact strength (kJ/m ²) Z	3.0 kJ/m ²	

Thermal Properties		
Heat Deflection, ASTM D648, XY	100°C @0.45 MPa	212°F @66PSI
	60°C @1.82 MPa	140°F @264 PSI
Heat Deflection, ASTM D648, Z	100°C @0.45 MPa	212°F @66PSI
	60°C @1.82 MPa	140°F @264 PSI

General Properties	
Density of Part, ASTM D792	.89 g/cm ³