

Datenblatt

Polyamid 12 - HP Jet Fusion

<u>Property</u>	<u>Test method</u>	<u>Typical value</u>
General Properties		
Density of parts	ASTM D792	1.01 g/cm ³
Thermal properties		
Heat Deflection Temperature (@ 0.45 MPa) - Z	ASTM D648	175 °C / 350 °F
Heat Deflection Temperature (@ 1.82 MPa) - Z	ASTM D648	95 °C / 205 °F
Mechanical properties		
Tensile modulus - XY	ASTM D638, type V	1700 MPa / 245 ksi
Tensile modulus - Z	ASTM D638, type V	1800 MPa / 260 ksi
Tensile strength, max load - XY	ASTM D638, type V	48 MPa / 6960 ksi
Tensile strength, max load - Z	ASTM D638, type V	48 MPa / 6960 ksi
Elongation at break -XY	ASTM D638, type V	20 %
Elongation at break -Z	ASTM D638, type V	15 %