




Description
Durable Resin is a high precision engineering material with a low modulus, high elongation, and high impact strength. One of our most versatile materials, parts are produced with a beautiful and professional surface finish with a high resistance to deformation.

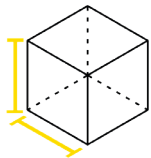
Uses
Snap fits
Consumer packaging
Living hinges

Colors


Material Properties

Elongation		Hardness	
Tensile Strength		Durability	

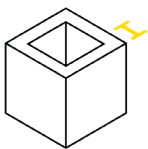
Maximum Build Volume



145 mm x 145 mm x 175 mm
5.7 in x 5.7 in x 6.9 in

The maximum size we are able to print for this material.

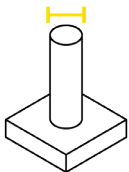
Minimum Wall Thickness



0.6 mm
0.236 in

The minimum thickness a wall can be printed.

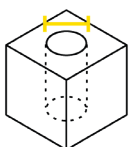
Minimum Vertical Wire Diameter



0.3 mm
0.01 in

The minimum diameter a pin can be printed at.

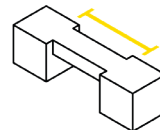
Minimum Hole Diameter



0.5 mm
0.021 in

The minimum diameter a technology can successfully print a hole.

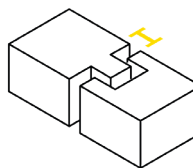
Max Unsupported Bridge Length



1 mm
0.39 in

The span a material can print without the need for support material.

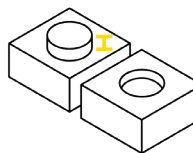
Minimum Clearance



0.35 mm
0.013 in

The recommended clearance between two moving or connecting parts.

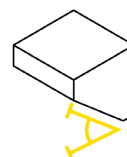
Minimum Detail



0.1 mm
0.0039 in

The recommended height of details that are raised or recessed below the model surface.

Maximum Overhang Angle



19 degrees

The maximum angle a wall can be printed at without requiring support.