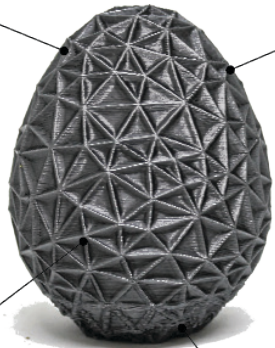


CAPTURES DRAFT
QUALITY PARTS

VISIBLE STEPPING

CAN CAPTURE
DETAILS

REQUIRES SUPPORTS
ON BOTTOM SURFACES



Description

A very cost-effective material for early stage prototyping for analyzing form factors and multiple iterations of a part design. Some stepping may be apparent due to the FDM printing process used.

Uses

Household items
Form analysis
End-use products

Colors



**Additional Colors available upon request

Material Properties

Hardness



Brittleness



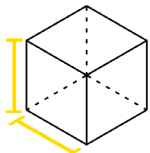
Surface Quality



Impact Resistance



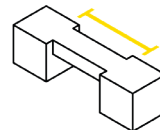
Maximum Build Volume



250 mm x 200 mm x 200 mm
9.84 in x 8.26 in x 8.26 in

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

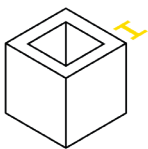
Max Unsupported Bridge Length



10 mm
0.394 in

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

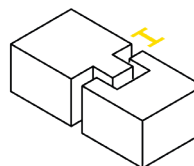
Minimum Wall Thickness



2 mm
0.079 in

The minimum thickness a wall can be printed.

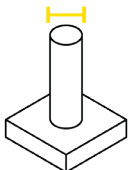
Minimum Clearance



0.5 mm
0.021 in

The recommended clearance between two moving or connecting parts.

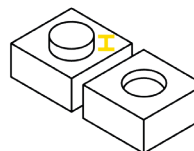
Minimum Vertical Wire Diameter



3 mm
0.118 in

The minimum diameter a pin can be printed at.

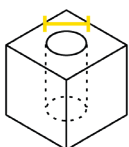
Minimum Detail



0.6 mm wide & 2 mm high
0.236 in wide & 0.079 in high

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

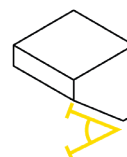
Minimum Hole Diameter



2 mm
0.079 in

The minimum diameter a technology can successfully print a hole.

Maximum Overhang Angle



45 degrees

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