

PolyJet Rapid Prototypes

Overview

Accurate, High-Resolution Prototypes in a Variety of Materials

The PolyJet rapid prototyping process uses ink-jet technology combined with UV curable materials to quickly and economically produce highly detailed and accurate physical prototypes in a variety of materials. With a layer thickness as small as 16 microns (.00063"), the PolyJet process is ideal for producing detailed prototypes for a variety of industries.

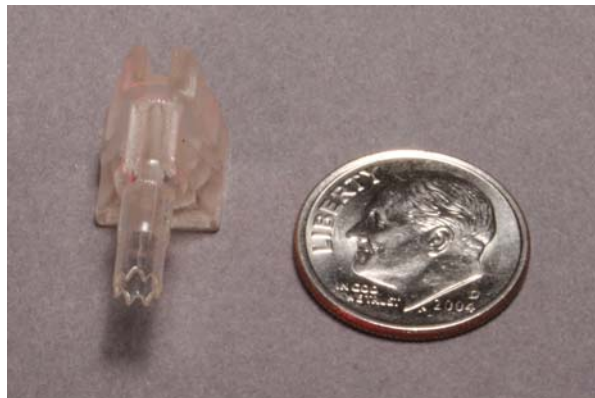
The PolyJet process produces prototypes without any support vestiges, and with excellent up facing and down facing surfaces. A variety of materials, including clear, Shore A and Shore D materials are available.

PolyJet prototypes are best suited for applications where accuracy, detail and surface finish are important and the part fits within a 5" x 5" x 5" (127mm x 127mm x 127mm) build volume. While the maximum PolyJet build volume is 19.3" x 15.4" x 7.9" (490mm x 390mm x 200mm), other RP technologies may be more cost effective for larger parts.



The PolyJet process results in excellent up facing and down facing surfaces.

Applications



The PolyJet process is ideal for producing highly detailed prototypes.



Solid Concepts offers a variety of PolyJet materials, including clear and Shore A materials.

Typical applications for PolyJet prototypes include electronic components and connectors, electronic packaging, knobs, buttons, medical devices, fittings, valves and parts with complex interior features.

Normal delivery time for PolyJet rapid prototypes is two to three working days, depending on size and quantity. Please contact Solid Concepts for pricing and delivery on a specific project. To receive a quote for PolyJet rapid prototypes, please call us toll-free at 1-888-311-1017, email your 3D data to quotes@solidconcepts.com, or visit us on the Internet at www.solidconcepts.com.

Pricing and
Delivery