

Datasheet

HP Multi Jet Fusion

- > Latest technology in 3D printing
- > High speed process
- > Low material costs
- > Extremely fast turn-around times
- > Material with FDA approval



The innovative Multi Jet Fusion 3D printing process combines the strengths of the two well-known rapid prototyping processes – PolyJet and selective laser sintering (SLS) – and revolutionizing the world of 3D printing with its amazing performance: the Jet Fusion printers dispense 300 million drops of liquid per second with an accuracy of 21 µm. The multifunctional Polyamide 12, known from the SLS process, serves as printing material.

Specifications	Data
Delivery Time:	3-5 working days
Tolerances:	± 0.3% (with lower limit at ± 0.3 mm)
Layer Thickness:	0.08 mm
Minimum Wall Thickness:	1 mm, hinges possible with 0.5 mm
Build Chamber	380 x 360 x 270 mm (HxWxD)

Part Size

Parts can be freely positioned in the build chamber in order to print the maximum possible size. The parts size is virtually unlimited as several parts can be connected to each other with 2-component adhesives. The visible adhesive connections can be subsequently filled in and painted over. Making it appear and feel like one continuous part.

Surface Structure

After cleaning, the parts have a gray-colored surface and the individual layers are virtually invisible.

Multi Jet Fusion parts can be finished using techniques like sandblasting, sanding, dip-dyeing and painting. For dip-dyeing, we recommend exclusively black dip-dye.

Painting is possible with all available colors after the part has been primed using a spray putty.

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What are the steps for a project in additive manufacturing?

1. Send us your inquiry with the following documents/information:
 - Requirements / application environment
 - Quantity
 - Finish natural gray /dip-dyed/painted and/or sanded/chemically polished
 - Design and constructional data as a STEP or STL file
2. We will review your documents and prepare a proposal
3. You review and accept the proposal
4. Production and delivery take place within 3-5 working days

The delivery time of dip-dyed or painted parts may be longer depending on the quantity of the parts ordered. Delivery time to be determined.



Inquiry



Review + 3D Files



Approval



Production

