





# ULTEM 1010 Resin

High-performance FDM® thermoplastic that offers excellent strength, thermal stability and the ability to withstand steam autoclaving.



System Availability	Layer Thickness Capability	Support Structure	Available Colors
Fortus 450mc™	0.010 inch (0.254 mm)	Breakaway	■ Natural
Stratasys F900™	0.013 inch (0.333 mm)		
	0.020 inch (0.508 mm) <sup>4</sup>		

The performance characteristics of these materials may vary according to application, operating conditions, or end use. The information presented are typical values intended for reference and comparison purposes only. They should not be used for design specifications or quality control purposes. End-use material performance can be impacted (+/-) by, but not limited to, part design, end-use conditions, test conditions, etc. Actual values will vary with build conditions. Tested parts were built on Fortus 400mc™ @ 0.010" (0.254 mm) slice. Product specifications are subject to change without notice.

The performance characteristics of these materials may vary according to application, operating conditions, or end use. Each user is responsible for determining that the Stratasys material is safe, lawful, and technically suitable for the intended application, as well as for identifying the proper disposal (or recycling) method consistent with applicable environmental laws and regulations. Stratasys makes no warranties of any kind, express or implied, including, but not limited to, the warranties of merchantability, fitness for a particular use, or warranty against patent infringement.

<sup>1</sup> Build orientation is on side long edge.

<sup>2</sup> Literature value unless otherwise noted

<sup>3</sup> Available for ULTEM 1010 CG (certified grade) canisters.

<sup>4</sup> Available on the Stratasys F900 only.

Orientation: See Stratasys Testing white paper for more detailed description of build orientations.

- XZ = X or "on edge"
- XY = Y or "flat"
- ZX = or "upright"

**Rapid Application  
Group**

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