



Hi-Res 3D

Introducing LS (Laser Sintering)

LS Nylon prototypes are produced much like an SLA prototype. Instead of hardening liquid resin as with an SLA, the laser melts a nylon powder to form each successive layer. Each layer is melted to the layer below to create a homogeneous plastic part, producing a very strong, durable part.

Advantages of Laser Sintering

- Biocompatible material (USP Class VI certified, ISO 10993-1 compliant)
- More durable material than most RP materials – 92% the density of injection molded nylon
- High HDT – 350°F, resists most chemicals
- Mechanical properties stable over time
- Holds water!



Let Hi-Res 3D assist in achieving your 2010 project goals. We provide high quality SLA and **NOW** LS prototypes.

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