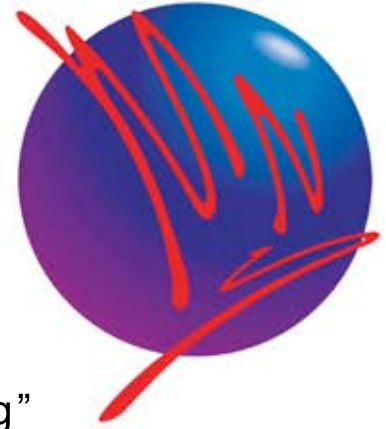


MNL Rapid Product Development Services ...

SLS - Selective Laser Sintering



“Functional high-strength components -
without the need for tooling”

New
Superior Finish
Nylon
Material -
1st in UK



Hi-Q SLS Sinterstation

Automatically build functional parts, casting patterns and tooling inserts from your 3-D CAD data. Our HiQ Sinterstation system, representing the future of Instant Manufacturing technology, directly produces end-use plastic or metal parts, tooling inserts, or casting patterns from your 3-D CAD data files. Eliminate the need for machining, tooling, casting or other secondary processes — saving you time and money.

Benefits of using the following SLS materials?

Nylon: *NEW Superior Finish Innov'PA 1550*

- You can use/test your first off prototype without the fear of breakage.
- Acts like moulded components. Strong and durable.
- Excellent for fit and function. Ideal for clip features, living hinges and snap-fit connections.
- Can build more complex structures than SLA as no supports are required.
- Can produce watertight components.
- High chemical resistance. High Temperature resistance.
- Durable patterns for sandcasting.
- Superior surface, straight from machine, compared to ...
... Duraform PA, GF, EX or EOS PA2200, or PA3200

Investment Casting Wax alternative: Castform PS,

- Wax impregnated polystyrene masters for investment casting. Excellent for complex models with features that would prove awkward or impossible to mould from standard tooling.
- MNL have developed a method to improve the surface finish to that from standard Castform products, giving aesthetically pleasing castings as well as functional ones.

Different levels of finish available from straight off the machine to fully finished.

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