RAPID PROTOTYPING

Cutting-edge rapid prototyping and product development from CORE Consulting, a leader in the most advanced 3D printing technology with on-staff, skilled Engineers

SUPERIOR TECHNOLOGY

Explore products before manufacturing and validate the design. Our in-house, high-precision, high-speed, 3D printer using Objet PolyJet™ technology provides:

Accurate detailed models
(tolerance 0.1 -0.2 mm) and smooth surfaces with super-thin 16-micron layers

True-to-life parts
of any kind from 3D CAD files

Class A finish
means no post-production finishing necessary

Faster, stronger, smoother
finishes than Stereolithography (SLA), Selective Laser Sintering (SLS) and Fused Deposition Modeling (FDM)

Multiple application
support and functional moving parts directly out of the machine

Fastest turnaround
ask us about 24-hour delivery

Rapid prototyping is suitable for:

- Molding
- Investment casting
- CMM programming
- Economical to short-run production
- Visual modeling with several finishes available
- Design qualifications and fitments
- RTV/Silicon molding (urethane pours)

Property	ASTM	Metric	Imperial
Tensile Strength	D-638-03	MPa 50-65	psi 7,250-9,450
Modulus of Elasticity	D-638-04	MPa 2000-3000	psi 290,000-435,000
Elongation at Break	D-638-05	% 10-25	% 10-25
Flexural Strength	D-790-03	MPa 75-110	psi 11,000-16,000
Flexural Modulus	D-790-04	MPa 2,200-3,200	psi 320,000-465,000
Izod Notched Impact	D-256-06	J/m 20-30	ft lb/in 0.375-0.562
HDT at 0.45 MPa	D-648-06	°C 45-50	°F 113-122
Water Absorption	D570-98 24 Hr	% 1.1-1.5	% 1.1-1.5

Full-Service Engineering Firm

Consult with our highly trained Engineers to design your product or for assistance with changes and recommendations to your product. The support doesn't stop there. Work with our knowledgeable Product Development Team to successfully launch your product cost-effectively and on time.

Get a quote or come see a demo. Contact CORE Consulting for more information:

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