EvoLVe 128

Material for the SLA process

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models+prototypes

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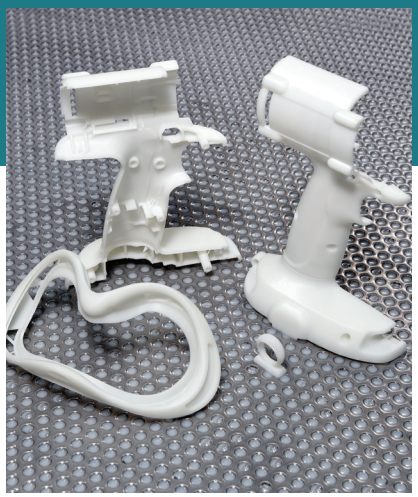
Technical Data Sheet

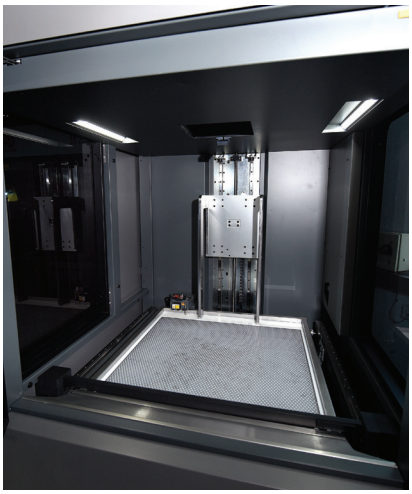
Features, benefits and applications

- Easy to clean and finish with a high strength and durability
- Accurate and dimensionally stable
- Great for snap fits, jigs and fixtures, as well as tough, functional prototypes



Machines

- Available on Neo 800 SLA machine



Post-Cured Material			
Measurement	Condition	Metric	Imperial
Tensile Strength	ASTM D 638	56.8 MPa	8200 PSI
Tensile Modulus	ASTM D 638	2964 MPa	430 KSI
Elongation at Break	ASTM D 638	11%	11%
Flexural Modulus	ASTM D 2240	2654 MPa	385 KSI
Impact Strength	ASTM D 256A	38.9 J/m	0.729 Ft-lbs/in
Heat Deflection Temperature	ASTM D 648 @ 66 PSI @ 264 PSI	52.3°C 49.6°C	126°F 121°F
Coefficient of Thermal Expansion (CTE)	ASTM E 831-05 0-50°C 50-100°C	76.5 163	42.5 90.8
Water Absorption	ASTM D 570-98	0.40%	0.40%
Shore D	ASTM D 2240	82	82
Colour	–	White	–
Solid Density	@ 25°C (77°F)	1.12g/cm^3	–