

Xtreme White

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Material for the SLA process

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Technical Data Sheet

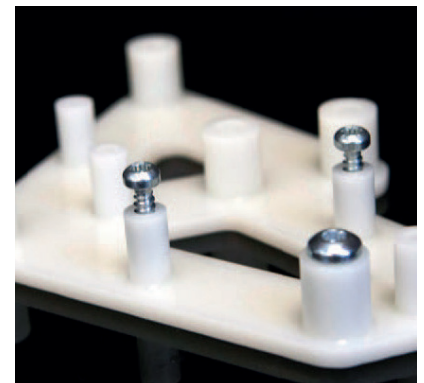
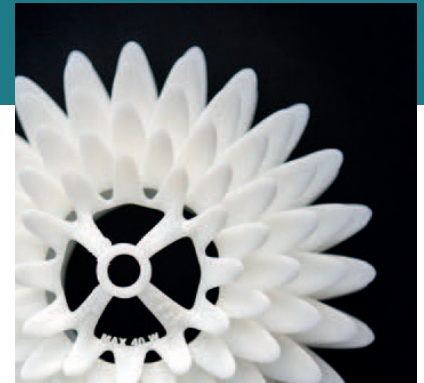
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Features, benefits and applications

- Exceptionally tough and durable
- Resists breakage and handles challenging functional assemblies
- Great for snap fits, assemblies and demanding applications
- Ideal for master patterns for vacuum casting

Machines

- Available on Viper SLA machines



Post-Cured Material			
Measurement	Condition	Metric	Imperial
Tensile Strength	ASTM D 638	45-50 MPa	6530 - 7250 PSI
Tensile Modulus	ASTM D 638	2300-2630 MPa	334-381 KSI
Elongation at Break	ASTM D 638	7% - 20%	
Flexural Strength	ASTM D 790	75-79 MPa	10880-11460 PSI
Flexural Modulus	ASTM D 790	2350-2550 MPa	341-370 KSI
Impact Strength	ASTM D 256	55-66 J/m	1.03-1.24 Ft-lbs/in
Heat Deflection Temperature	ASTM D 648 @ 66 PSI @ 264 PSI	47°C 42°C	117°F 108°F
Coefficient of Thermal Expansion (CTE)	ASTM E 831-93 30-50°C 70-140°C	95 180	53 100
Water Absorption	ASTM D 570-98	0.38%	0.38%
Glass Transition (Tg)	DMA, E"	52°C	126°F
Shore D	-	78-80	78-80
Colour	-	White	-
Solid Density	@ 25°C (77°F)	1.18g/cm ³	-

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