

Technical Data Sheet

Xtreme White Material

For the SLA process



Features, benefits and applications

- Extremely durable and tough
- Suitable for testing functional assemblies, snap fits and demanding applications
- Ideal for vacuum casting master models

Machines

- Available on 3500 and Viper SLA machines



Post-Cured Material					
Measurement	Condition	Metric		Imperial	
		Low	High	Low	High
Tensile Strength (MPa/PSI)	ASTM D 638	45	50	6530	7250
Tensile Modulus (MPa/KSI)	ASTM D 638	2300	2630	334	381
Elongation at Break	ASTM D 638	7%	20%	7%	20%
Flexural Strength (MPa/PSI)	ASTM D 790	75	79	10880	11460
Flexural Modulus (MPa/KSI)	ASTM D 790	2350	2550	341	370
Impact Strength (J/m /Ft-lbs/in)	ASTM D 256	55	66	1.03	1.24
Heat Deflection	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 70-140	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	

Liquid Material		
Measurement	Condition	Metric
Viscosity	@ 30°C (86°F)	650-750 cps
Penetration Depth (Dp)		4.6 mils
Critical Exposure (Ec)		8.3 mJ/cm ²
Color		White
Solid Density	@ 25°C (77°F)	1.18 g/cm ³
Liquid Density	@ 25°C (77°F)	1.12 g/cm ³

Got a question? Need more technical data?

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