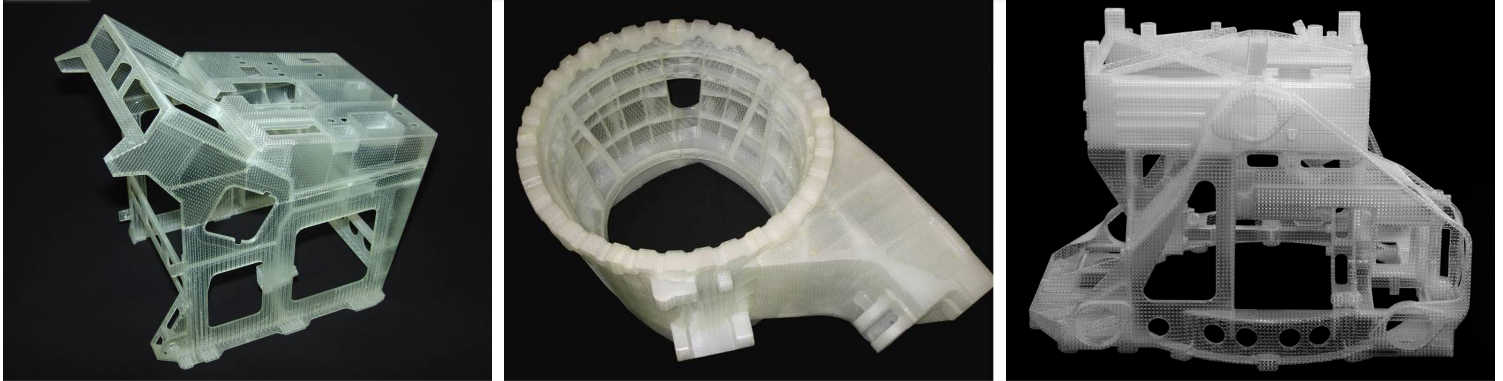


Accura® CastPro™

Highly accurate material for stable investment casting patterns using QuickCast™ technology



Technical Data

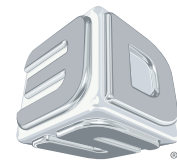
Post-Cured Material			
Measurement	Condition	Metric	U.S.
Tensile Strength (MPa/PSI)	ASTM D 638	52 - 53	7540-7690
Tensile Modulus (MPa/KSI)	ASTM D 638	2490-2620	361000-380000
Elongation at Break	ASTM D 638	4.1 - 8.3 %	4.1 - 8.3 %
Flexural Strength (MPa/PSI)	ASTM D 790	82-84	11890-12180
Flexural Modulus (MPa/KSI)	ASTM D 790	2310-2340	335000-339000
Impact Strength (J/m /Ft-lbs/in)	ASTM D 256	43-49.5	0.80-0.92
Heat Deflection Temperature	ASTM D 648 @ 66 PSI @ 264 PSI	51 °C	124 °F
		50 °C	122 °F
Coefficient of Thermal Expansion (CTE)	ASTM E 831-93 0-40 °C 50-140 °C	102.9	57.2
		160.2	89
Water Absorption	ASTM D 570-98	0.33 %	0.33 %
Glass Transition (Tg)	DMA, E"	60-62 °C	140-144 °F
Shore D		85	85

Liquid Material

Measurement	Condition	Value
Viscosity	@ 30 °C (86 °F)	240-260 cps
Penetration Depth (Dp)		6.2 mils
Critical Exposure (Ec)		8.7 mJ/cm ²
Color		Clear Amber
Solid Density	@ 25 °C (77 °F)	1.17 g/cm ³ at 25 °C
Liquid Density	@ 25 °C (77 °F)	1.08 g/cm ³ at 25 °C

Features

- Produce accurate QuickCast™ patterns
- Excellent humidity/moisture resistance
- High production speed



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MANUFACTURING THE FUTURE

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