

Accura[®] 60

Clear plastic for quickly producing rigid and strong parts



Technical Data

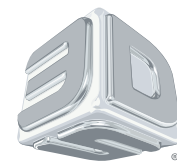
Post-Cured Material			
Measurement	Condition	Metric	U.S.
Tensile Strength (MPa/PSI)	ASTM D 638	58-68	8410-9860
Tensile Modulus (MPa/KSI)	ASTM D 638	2690-3100	390-450
Elongation at Break	ASTM D 638	5-13 %	5-13 %
Flexural Strength (MPa/PSI)	ASTM D 790	87-101	12620-14650
Flexural Modulus (MPa/KSI)	ASTM D 790	2700-3000	392-435
Impact Strength (J/m /Ft-lbs/in)	ASTM D 256	15-25	0.3-0.5
Heat Deflection Temperature	ASTM D 648 @ 66 PSI @ 264 PSI	53-55 °C 48-50 °C	127-131 °F 118-122 °F
Coefficient of Thermal Expansion (CTE)	ASTM E 831-93 TMA (T<T _g , 0-40 °C) TMA (T<T _g , 75-140 °C)	71-131 153	
Glass Transition (T _g)	DMA, E''	58 °C	136 °F
Shore D		86	86

Liquid Material

Measurement	Condition	Value
Viscosity	@ 30 °C (86 °F)	150-180 cps
Penetration Depth (Dp)		6.3 mils
Critical Exposure (Ec)		7.6 mJ/cm ²
Color		Clear
Solid Density	@ 25 °C (77 °F)	1.21 g/cm ³ at 25 °C
Liquid Density	@ 25 °C (77 °F)	1.13 g/cm ³ at 25 °C

Features

- Clear and transparent
- Rigid and strong
- Great for investment casting patterns
- Headlamps, bottles and transparent assemblies



3DSYSTEMS[®]

3D Systems Corporation Tel: +1 803.326.3900
333 Three D Systems Circle NYSE: DDD
Rock Hill, SC 29730, USA www.3dsystems.com

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