Accura® 60

Clear Class

Clear plastic for quickly producing rigid and strong parts

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<Tg, 0-40 °C) TMA (T<Tg, 75-140 °C)	 71-131 153	
Glass Transition (Tg)	DMA, E"	58 °C	136 °F
Hardness, 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

3D SYSTEMS

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