



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<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 |
| Hardness, Shore D | | 86 | 86 |

Features

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

Liquid Material

| MEASUREMENT | CONDITION | VALUE |
|-------------------------------------|-----------------|---------------------------------|
| Viscosity | @ 30 °C (86 °F) | 170 cps |
| Penetration Depth (D _p) | | 6.3 mils |
| Critical Exposure (E _c) | | 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 |



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