

Accura[®] ClearVue[™]

High clarity plastic for a multitude of applications



Technical Data

Post-Cured Material			
Measurement	Condition	Metric	U.S.
Tensile Strength (MPa/PSI)	ASTM D 638	41 - 46	5950-6670
Tensile Modulus (MPa/KSI)	ASTM D 638	2030-2220	294-322
Elongation at Break	ASTM D 638	4 - 7 %	4 - 6 %
Flexural Strength (MPa/PSI)	ASTM D 790	53-67	7690-9720
Flexural Modulus (MPa/KSI)	ASTM D 790	1560-2040	226-296
Impact Strength (J/m /Ft-lbs/in)	ASTM D 256	43-67	0.81-1.26
Heat Deflection Temperature	ASTM D 648 @ 66 PSI @ 264 PSI	46 °C	115 °F
		41 °C	106 °F
Coefficient of Thermal Expansion (CTE)	ASTM E 831-93 < 35 °C > 60 °C	70	70
		160	160
Glass Transition (Tg)	DMA, E''	56 °C	133 °F
Shore D		84	84

Liquid Material

Measurement	Condition	Value
Viscosity	@ 30 °C (86 °F)	235-260 cps
Penetration Depth (Dp)		6.1 mils
Critical Exposure (Ec)		9.5 mJ/cm ²
Color		Clear
Solid Density	@ 25 °C (77 °F)	1.17 g/cm ³
Liquid Density	@ 28 °C (82 °F)	1.10 g/cm ³

Features

- Headlamps, bottles and transparent assemblies
- Rigid and tough
- Excellent humidity/moisture resistance
- Capable of meeting UPS Class VI