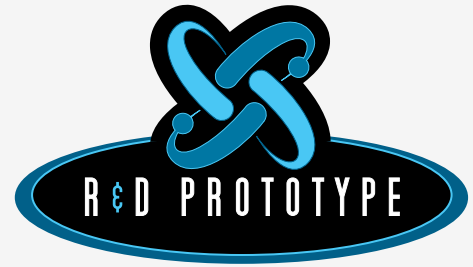


Accura[®] ClearVue[™]

High clarity plastic for a multitude of applications



1018 SE BROWNING LEES SUMMIT, MO 64081 816-434-4231



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 41 °C	115 °F 106 °F
Coefficient of Thermal Expansion (CTE)	ASTM E 831-93 < 35 °C > 60 °C	70 160	70 160
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



Warranty/Disclaimer: The performance characteristics of these products may vary according to product application, operating conditions, or with end use. 3D Systems makes no warranties of any type, express or implied, including, but not limited to, the warranties of merchantability or fitness for a particular use.

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