

## Accura ClearVue (SLA)

a 3D Systems Material

TRANSPARENT,  
POLYCARBONATE-LIKE /  
BIO-COMPATIBLE / DENTAL



High clarity plastic with excellent humidity and moisture resistance for a multitude of applications, where transparency is key, such as headlamps, complex assemblies or fluid flow. Capable of meeting USP Class VI.

| Properties                          | Test Method  | Result                          |
|-------------------------------------|--------------|---------------------------------|
| Density (solid) @ 25°C • 77°F       | N/A          | 1.17 g/cm <sup>3</sup>          |
| Tensile Strength                    | ASTM D 638   | 41-46 MPa • 5950-6670 psi       |
| Tensile Modulus                     | ASTM D 638   | 2030-2220 MPa • 294-322 ksi     |
| Elongation at Break                 | ASTM D 638   | 4-7%                            |
| Flexural Strength                   | ASTM D 790   | 53-67 MPa • 7690-9720 psi       |
| Flexural Modulus                    | ASTM D 790   | 226-296 MPa • 1560-2040 ksi     |
| Impact Strength (Notched Izod)      | ASTM D 256   | 43-67 J/m • 0.81-1.26/ft-lbs/in |
| Heat Deflection Temperature @66psi  | ASTM D 648   | 46°C • 115°F                    |
| Heat Deflection Temperature @264psi | ASTM D 648   | 41 °C • 106°F                   |
| Hardness, Shore D                   | N/A          | 84                              |
| Glass Transition (Tg)               | ASTM DMA, E" | 56°C • 133°F                    |

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