

# PU CLEAR - V2



Transparent polyurethane resin is used in vacuum casting and is renowned for its exceptional clarity, often achieving a water-clear appearance. It offers excellent UV resistance, maintaining transparency and preventing yellowing over time. It also provides high stability across varying temperatures and can be easily polished to a smooth, high-quality finish.

## MECHANICAL PROPERTIES

|                                |                      |
|--------------------------------|----------------------|
| Hardness                       | 85 Shore D           |
| Tensile modulus of elasticity  | 2400 MPa             |
| Tensile Strength               | 66 MPa               |
| Elongation at break in tension | 7.5%                 |
| Flexural modulus of elasticity | 2400 MPa             |
| Flexural Strength              | 110 MPa              |
| Impact Strength                | 48 kJ/m <sup>2</sup> |
| Heat deflection temperature    | 85°C                 |

## APPLICATIONS

Light lenses  
Jewellery  
Interior panels