

PU CLEAR - V1



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	82 Shore D
Tensile Strength	60 MPa
Elongation	30%
Young's modulus in flexure	2000 MPa
Charpy Impact Strength	2.5 kJ/m ²
Shrinkage	0.3%
Izod Impact Strength	10 kJ/m ²
Heatproof temperature	90 Tg
Heat deflection temperature	80°C

APPLICATIONS

Display Cases
Headlight
Signage

Table provided are general and may vary HC 8744 TH/TW

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