

# PU RUBBER CLEAR



This material is a three-component transparent polyurethane elastomer designed for vacuum casting, renowned for its versatility in durometers and exceptional tear resistance. It is ideal for creating individual rubber components and excels in casting pressure pads and other rubber features onto rigid materials in a two-shot process.

## PROPERTIES

HARDNESS	80 SHORE A	70 SHORE A	60 SHORE A	50 SHORE A	40 SHORE A	30 SHORE A
Tensile Strength	40 MPa	21 MPa	10 MPa	4.0 MPa	2.0 MPa	1.5 MPa
Elongation	300%	300%	300%	270%	300%	260%
Tear Strength	44 N/mm	28 N/mm	28 N/mm	13 N/mm	13 N/mm	10 N/mm
Specific Gravity of Finished Article	1.14 g/cm <sup>3</sup>	1.14 g/cm <sup>3</sup>	1.14 g/cm <sup>3</sup>	1.16 g/cm <sup>3</sup>	1.16 g/cm <sup>3</sup>	1.16 g/cm <sup>3</sup>

## APPLICATION

Flexible pressure pads  
Grips and handles  
Seals and gaskets

Clear damper  
Bumpers  
Shock absorbers