

This PU material is used for vacuum casting to produce prototype parts and mock-ups with mechanical properties similar to HDPE and PP. It features high elongation, excellent flexibility, and high impact resistance, making it durable and resistant to breakage.

MECHANICAL PROPERTIES

| | |
|---------------------|----------------------------|
| Hardness | 75 - 83 Shore D |
| Tensile Strength | 25 - 35 MPa |
| Flexural Strength | 600 - 1300 MPa |
| Elongation at break | 50 - 90% |
| Impact Strength | 75 - 100 kJ/m ² |

APPLICATIONS

Instrument panel
Anti-vibration tools
Bumper