PU - PP/PE

This PU material is used for vacuum casting prototypes, similar to PE and PP. It is ideal for prototypes requiring flexibility and durability to simulate the performance of flexible or impact-resistant parts. It can replicate the physical properties of final production materials, making it a valuable choice for accurate and functional prototyping.

MECHANICAL PROPERTIES	
Hardness	76 Shore D
Tensile Strength	34 MPa
Bending Strength	39 MPa
Young's Modulus in Flexure	960 MPa
Elongation	72 %
Impact Strength	10 kJ/m²
Shrinkage	0.3 %
Coefficient of Thermal Expansion	9.8×10^{-5} /°C

APPLICATIONS

Medical device enclosures
Automotive bumpers
Gaskets
Handles

Table provided are general and may vary HC 8550 OT

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