

# SELECTIVE LASER SINTERING (SLS) TPU - Elastomer



Material properties (for comparative purposes only)

GENERAL PROPERTIES	
MECHANICAL PROPERTIES	
Sintered Part Density	0.78 g/cm <sup>3</sup>
Tensile Strength, Ultimate	2.1 MPa
Tensile Strength, Break	2.0 MPa
Tensile Modulus	5.3 MPa
Elongation at Yield	220 %
Elongation at Break	200 %
Flexural Modulus	6.0 MPa
Hardness, Shore A	50-60
Initial Tear Resistance (Die C @ 23°C)	15.4 J/m
Abrasion Resistance Taber, CS-17 Wheel, 1 Kg Load	97.9 mg/1000 cycles

\*N.B. Not all materials available across all sites

Last Updated 8 Oct 2024