



Shore 80A. Bendable, compressible. Gaskets, seals, and soft-touch components. Gaskets, seals, and soft-touch ergonomic parts.

**STRENGTHS**

- + Shore 80A hardness
- + Good for gaskets and seals
- + Smooth SLA surface finish

**LIMITATIONS**

- Tears more easily than TPU
- Smaller build volume
- Requires careful post-curing

**CATEGORY**

Flexible &amp; Elastic

**TECHNOLOGY**

SLA (Stereolithography)

**SERVICES**

prototyping

**INDUSTRIES**

Medical &amp; Biotech, Consumer Electronics

**AVAILABLE COLORS**


Clear

**MECHANICAL PROPERTIES**

PROPERTY	VALUE
Tensile Modulus	<b>0.009</b> GPa
Tensile Strength (UTS)	<b>8.9</b> MPa
Elongation at Break	<b>120%</b>
Impact Strength (Izod)	<b>60</b> J/m
Hardness	<b>Shore 80A</b>
Compression Set (23°C)	<b>4%</b>
Tear Strength	<b>11</b> kN/m

**PHYSICAL PROPERTIES**

PROPERTY	VALUE
Density	<b>1.05</b> g/cm <sup>3</sup>
Surface Roughness	<b>3</b> Ra $\mu$ m
Heat Deflection (HDT)	<b>55</b> °C @ 0.45 MPa
Min Layer Height	<b>50</b> $\mu$ m
Light Transmission	<b>Opaque</b>
Max Build Dimension	<b>145</b> mm