

### Description

Flexible Resin has elastomeric properties that allow users to print bendable and compressible parts. Parts come out pliable where there are thin walls, but are resilient when there are thicker walls. It simulates an elastomer with 80 A durometer. It is a soft-touch material like rubber.

### Uses

Stamps  
Wearables Prototyping  
Ergonomic Parts

### Colors



### Material Properties

Tear Strength



Elongation at Failure



Compression



Flexibility



	Metric	Imperial
<b>Mechanical Properties</b>		
Ultimate Tensile Strength	7.7 - 8.5 MPa	110 - 1230 psi
Elongation at Failure	75 - 85 %	75 - 85%
Compression Set	0.40 %	0.40 %
Tear Strength	13.3 - 14.1 kN/m	76 - 80 lbf/in
Shore Hardness	80 - 85 A	80 - 85 A
<b>Thermal Properties</b>		
Vicat Softening Point	230 °C	446 °F

\*\*Data was obtained from Formlabs technical data sheets at formlabs.com