LOCTITE®

Elastomeric Resins

Elastomeric Materials for Functional Prototyping and Final Parts Production

Unique 3D printing materials for durable, functional, production parts with elastomeric behavior.

IDEAL FOR

- Gaskets
- Seal prototyping
- Anatomical models
- Consumer products
- Tube's prototyping
- Gaskets, seals prototyping
- Lattice structures for sportswear

PROPERTIES

- Printable at room temperature
- True elastomeric behavior
- Stable -20 to +100°C
- Good interlayer adhesion with low shrinkage
- Outstanding performance and durability

8195 A60 High Rebound

Flexible & easy to print

One-part elastomeric material formulated to have firm compression properties with quick rebound performance to match soft rubber like materials.

Flexibility, high resilience and good energy return make this material ideal for gasketing, sealing and anatomical model type applications.

Benefits:

- Excellent surface finish
- Fast printing
- High resilience & energy return

PROPERTY[1]	METHOD	
Colour	–	Gray* & Red
Tensile Stress at Break (MPa)	ASTM D638	3
Elongation at Break (%)	ASTM D638	81
Young's Modulus (MPa)	ASTM D638	4
Shore Hardness (A)	ASTM D2240	60

5015 A80 Elastomeric

Silicone based prototyping resin

Single component silicone tough material with little post processing needed to achieve great results. Ideal for elastomeric prototypes that require higher stiffness.

Benefits:

- Stable at temperatures up to +100°C and down to -20°C
- Good interlayer adhesion
- Low shrinkage

PROPERTY[1]	METHOD	
Colour	–	Clear, White, Gray, Black
Tensile Stress at Break (MPa)	ASTM D412	8
Elongation at Break (%)	ASTM D412	160
Shore Hardness (A)	ASTM D2240	80

For further information please see TDS, contact Technical Service Centre or Customer Service Representative.
The physical properties provided in this document are typical results of printed parts and are provided for reference purposes only.
* Data shown reflects properties from resin highlighted with " * ", for additional information please refer to the respective TDS

Henkel