

Henkel**Loctite® 3D 3843™**

This material is a slow curing engineering tough resin with a high strength, good impact resistance and excellent surface finish. It's the best choice for a wide variety of tooling applications in automotive, industrial and consumer markets. Examples are jigs and fixtures, housings and covers. It meets biocompatibility standards for irritation and cytotoxicity.

Features

- High impact strength
- Semi-flexible
- Good impact resistance
- Excellent and matte surface finish
- Biocompatible capable per ISO10993-23 and ISO10993-5

Applications

- Manufacturing aids
- Jigs and fixtures
- Housings
- Covers and insoles

Solid Part Density

1.18 g/cc

Tensile Strength at Break

51 MPa

Tensile Modulus

1800 MPa

Elongation at Break

43 %

Notched Izod Impact Strength

53 J/m

Shore Hardness

75 D

HDT, 0.455 MPa

63°C

[Technical Data Sheet](#)[Safety Data Sheet](#)