



Standard Flexible 80A, Silicone-like

Alternative Designations

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Key Features

Excellent flexibility • High shock absorption • High elasticity

Description

Standard Flexible 80A is a silicone-like material that has been specifically formulated to meet the needs of 3D printing. It has excellent print quality, making it ideal for applications that require high detail and dimensional accuracy. Additionally, Standard Flexible 80A is highly flexible and withstand repeated bending and compression cycles. This makes it an ideal choice for applications that require parts to be flexible, such as gaskets or seals.

Mechanical Properties

Tensile strength	3.7 – 8.9 MPa
Elongation at break	100 – 120%
Hardness (Shore A)	70

Thermal Properties

Softening temperature	27°C
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Physical Properties

Density	1.18 g/cm ³
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Reference

Datasheets provided by Xometry contain materials sourced through trusted OEMs, material distributors, and databases. Please visit Materialdatacenter.com for further information on this material.