



EPU 40

Alternative Designations

Elastic Polyurethane

Key Features

Elastic both under tension and compression • High tear resistant • Low resiliency

Description

This material is a polyurethane elastomer with an exceptional balance of properties. It offers high abrasion resistance, good tear strength, low compression set, and high resilience. EPU 40 is also UV stabilized and has excellent weathering resistance. It is widely used in applications such as gaskets, seals, and high-stress components.

Mechanical Properties

Tensile modulus	8 MPa
Tensile strength	19 MPa
Elongation at break	400%
Hardness (Shore A)	71 – 72

Physical Properties

Density	1.03 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.