

EPU 40

Key Features

Flexibility • Biocompatibility • Elasticity • UV resistance • Abrasion resistance

Applications

Prototyping • End-use parts • Consumer goods

Product 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.

Properties

Tensile modulus	8 MPa
Tensile strength	19 MPa
Elongation at break	400%
Stress at elongation (50%, 100%)	2, 3 MPa
Tear strength (Die C)	25 kN/m
Compression set (23 °C, 72 h)	35%
Glass transition temperature (Tg)	10°C
Abrasion volume loss	170 mm ³
Density	1.03 g/cm ³
Hardness	72A

Reference

For more detailed source information, please consult the original document linked [here](#). We encourage users to verify the data's relevance and suitability for their specific needs.

