



PU8150, ABS-like

Alternative Designations

Hei-Cast 8150

Key Features

Excellent dimensional stability • High cure properties • Excellent physical properties

Description

PU8150 material is a type of polyurethane that is often used in the manufacturing of products such as prototypes, hoses, and gaskets. It is known for its high resistance to abrasion and wear, making it an ideal choice for applications where these properties are desired. Additionally, Hei-cast PU8150 material is also resistant to oil and chemicals, making it an ideal choice for use in environments where these substances are present.

Mechanical Properties

Tensile strength	73 MPa
Elongation at break	16%
Flexural strength	78 MPa
Flexural modulus	1.2 – 2 GPa
Hardness (Shore D)	84

Thermal Properties

Heat deflection temperature (1.80 MPa)	100°C
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Physical Properties

Density	1.09 – 1.19 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.