



PX100, ABS-like

Alternative Designations

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Key Features

Long pot-life • Excellent mechanical properties •
Low viscosity • Paintable

Description

ABS PX100 is a tough, durable and impact-resistant material that is often used in the manufacturing of prototypes. It is generally used for casting in silicone molds and is also used in the production of plastic parts whose properties are close to the thermoplastics. It consists of Isocyanate and polyol. Upon mixing it appears to be off-white in color.

Mechanical Properties

Tensile strength	40 MPa
Elongation at break	20%
Flexural strength	55 MPa
Flexural modulus	1.5 GPa
Hardness (Shore D)	74

Thermal Properties

Softening temperature	75°C
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Physical Properties

Density	1.02 – 1.15 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.