



PX118, ABS-like

Alternative Designations

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Key Features

Low viscosity • Good mechanical properties • Colorless

Description

PX 118 is an ABS-like material widely used in vacuum casting prototyping. With low viscosity and a choice of fast or long pot-life, it offers ease of use for a variety of applications. This thermoplastic material also features good mechanical properties, allowing for strong and durable prototypes. Its ability to be easily colored provides flexibility in design, while maintaining a high-quality finish.

Mechanical Properties

Tensile strength	50 MPa
Elongation at break	8%
Flexural strength	75 MPa
Flexural modulus	1.8 GPa
Hardness (Shore D)	78 GPa

Thermal Properties

Softening temperature	85°C
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Physical Properties

Density	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.