



Data Sheet

8550, PP-like

Alternative Designations

Hei-Cast 8550

Key Features

Low flexural modulus • High elongation • Long pot-life • Suitable for molding large-sized products

Description

PP (8550) is developed with the mixing of Polyol and Isocyanate at the ratio of 1:2. It is commonly used to manufacture PP or PE products and prototypes. It appears to be black/white translucent in color. This material possesses high elongation properties and is generally used to manufacture parts with elastic properties.

Mechanical Properties

Tensile strength	34 MPa
Elongation at break	72%
Flexural strength	39 MPa
Flexural modulus	0.9 GPa
Hardness (Shore D)	76

Thermal Properties

Heat deflection temperature (1.80 MPa)	70°C
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Physical Properties

Density	1.06 – 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.