



# 8550, PP-like

## Alternative Designations

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Hei-Cast 8550

## Key Features

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

## Description

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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

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

## Thermal Properties

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

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Density	1.06 – 1.19 g/cm <sup>3</sup>
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## Reference

Datasheets provided by Xometry contain materials sourced through trusted OEMs, material distributors, and databases. Please visit [Materialdatacenter.com](https://Materialdatacenter.com) for further information on this material.