



## Data Sheet

# PU8098, PC-like

## Alternative Designations

Hei-Cast 8098

## Key Features

High tensile strength and impact resistance •  
Suitable for vacuum casting • Low density • Durable

## Description

It is a polyurethane resin developed with the combination of Polyol (A) and Isocyanate (B). The mixing ratio will be A:B = 100:250. The material has the impact strength of 10 KJ/m<sup>2</sup> and its possible de-mould time is 60 minutes. The PC (PU8098) is mainly used by the manufacturers to develop top-quality products through vacuum cast moulding.

## Mechanical Properties

Tensile strength	70 MPa
Elongation at break	10%
Flexural strength	75 MPa
Flexural modulus	1.6 GPa
Hardness (Shore D)	85

## Thermal Properties

Heat deflection temperature (1.80 MPa)	120°C
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## Physical Properties

Density	1.09 – 1.2 g/cm <sup>3</sup>
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## Reference

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