

# PU8260, ABS-like

## Key Features

Flame retardancy • Impact resistance •  
Smooth surface • Stiffness

## Applications

Prototyping • End use parts • Electronics •  
Engineering

## Product Description

PU8260 (Hei-Cast 8260) is a flame-retardant ABS-grade polyurethane resin for vacuum casting, designed for prototyping and small-series production requiring UL94 V-0 flame retardancy, dimensional stability, and mechanical strength. PU8260 combines well-balanced mechanical properties, impact resistance, and flame-retardant performance, making it ideal for functional prototypes and end-use parts requiring high stiffness and safety in demanding environments.

## Properties

Tensile strength	68 MPa
Elongation at break	15%
Bending strength	93 MPa
Young's modulus in flexure	2,200 MPa
Impact strength	10 kJ/m <sup>2</sup>
Heat deflection temperature (1.80 MPa)	80°C
Coefficient of thermal conductivity	0.26 W/(m•K)
Coefficient of thermal expansion	8x10 <sup>5</sup>
Density	1.31 g/cm <sup>3</sup>
Hardness	V-0
Flame retardancy (UL94)	83D

## Reference

For more detailed source information, please consult the original document linked [here](#). We encourage users to verify the data's relevance and suitability for their specific needs.

