



Data Sheet

UPX8400, Rubber-like

Alternative Designations

Hei-Cast 8400

Key Features

Excellent curing property • Good flowability • Black/
milky white appearance

Description

The material is a 3-components based polyurethane product developed for vacuum casting applications. The product offers high elongation at break and has excellent flow-ability. The mechanical properties of the final product (PU8400) depend upon the mixing ratio of the 3 components. The rubber (PU8400) vacuum casting process must be handled carefully and proper ventilation should be provided to the workplace.

Mechanical Properties

Tensile strength	6.86 – 17.6 MPa
Elongation at break	200 – 250%
Flexural strength	25 – 70 MPa
Hardness (Shore A)	60 – 90

Physical Properties

Density	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.