

# RPU 70

**Technology:** Carbon DLS

**COLOR OPTIONS:** ■ Black

**APPLICATIONS:**

General purpose prototyping, end-use parts.

**DESCRIPTION:**

Rigid Polyurethane is Carbon's most versatile rigid material family. It is used across a wide range of industries, including consumer products, automotive, and industrial. RPU 70 has a UL 94 HB flame resistance classification.

**FEATURES:**

Moderate heat resistant. Tough.

**TECHNICAL DATA**

PROPERTY	ASTM	METRIC UNITS
Tensile Strength	D638M	45 ± 2 MPa
Modulus of Elasticity, Youngs Modulus	D638M	1,900 ± 200 MPa
Elongation Break (%)	D638M	100 ± 20 %
Flexural Strength	D790M	62 ± 9 MPa
Flexural Modulus	D790M	1,800 ± 300 MPa
IZOD Impact Strength (notched)	D256A	22 ± 1 J/m
Heat Deflection Temperature @ 0.45 MPa/66 psi, (°C)	D648	70 °C