

# RPU 61

TECHNOLOGY: **DLS**

**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.

**FEATURES:** Tough. Abrasion resistant. High resolution.

Color Options: Black

## TECHNICAL DATA

PROPERTY	ASTM	METRIC UNITS
Tensile Strength	D638M	42 ± 3 MPa
Modulus of Elasticity, Youngs Modulus	D638M	1,150 ± 100 MPa
Elongation Break (%)	D638M	120 ± 10 %
Flexural Strength	D790M	37 ± 2 MPa
Flexural Modulus	D790M	1,100 ± 100 MPa
IZOD Impact Strength (notched)	D256A	27 ± 2 J/m
Heat Deflection Temperature @ 0.45 MPa/66 psi, (°C)	D648	59 °C

