DINSMORE®

MATERIAL SPEC SHEET

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RPU 130

TECHNOLOGY: **Carbon DLS**

APPLICATIONS: End-use parts such as tool housings and device enclosures; many applications across the automotive industry where strong parts that can resist high temperatures are needed.

DESCRIPTION: RPU 130 is a tough, rigid, and high temperature material suitable for rigorous industrial applications. This combination of performance attributes makes RPU 130 a comprehensive solution, and more comparable to unfilled thermoplastics.

FEATURES: Superior impact resistance and dimensional stability at elevated temperatures. RPU 130 is also partially derived from plants, addressing the growing demand for more sustainable, high-performance materials.

Color Options: Black

TECHNICAL DATA

PROPERTY	ASTM	METRIC UNITS
Tensile Strength	D638M	35 MPa
Modulus of Elasticity, Youngs Modulus	D638M	920 MPa
Elongation Break (%)	D638M	>50%
Flexural Strength	D790M	27 MPa
Flexural Modulus	D790M	890 MPa
IZOD Impact Strength (notched)	D256	76 J/m
Heat Deflection Temperature @ 0.45 MPa/66 psi, (°C)	D648	119 °C