

EPX 82

TECHNOLOGY: Carbon DLS

APPLICATIONS: Electrical connectors, brackets

DESCRIPTION: Epoxy 82 is Carbon's most accurate high strength rigid material, with mechanical properties comparable to 20% glass-filled PBT.

FEATURES: EPX 82 combines functional toughness, stiffness, and temperature resistance making it useful in a variety of automotive, industrial, and consumer applications.

Color Options: Black

TECHNICAL DATA

PROPERTY	ASTM	METRIC UNITS
Tensile Strength	D638M	82 MPa
Modulus of Elasticity, Youngs Modulus	D638M	2,800 MPa
Elongation Break (%)	D638M	5.9 %
Flexural Strength	D790M	130 MPa
Flexural Modulus	D790M	3,000 MPa
IZOD Impact Strength (notched)	D256A	44 J/m
Heat Deflection Temperature @ 0.45 MPa/66 psi, (°C)	D648	116 °C

