



TECHNICAL DATA SHEET - PETG Carbon Fiber

Raw Material Name: Polyethylene terephthalate glycol (PETG)
 Application: Rotary Components
 Manufacturer: Covalo Industries

Material Specifications

Mechanical Property	Value	Unit	Test Method
Ultimate Tensile Strength	56	MPa	ISO 527-2
Tensile Modulus	5230	GPa	ISO 527-2
Strain at Break	3	%	ISO 527-2
Flexural Strength	80	MPa	ISO 178
Flexural Modulus	5740	MPa	ISO 178
Surface Resistance	>10 ⁹	ohm/sq	ASTM D257
Specific Gravity	1.32	g/cm ³	ISO 1183
Glass Transition Temperature	77	°C	DSC
HDT A @ 1.8 MPa	80	°C	ISO 75

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