



TECHNICAL DATA SHEET - Nylon GF30

Raw Material Name: Nylon Reinforced Glass-Fiber

Application: Rotary Components

Manufacturer: Covalo Industries

Material Specifications

Mechanical Property	Value	Unit	Test Method
Ultimate Tensile Strength	62.8	MPa	ISO 527-2
Tensile Modulus	4261	GPa	ISO 527-2
Strain at Break	6	%	ISO 527-2
Flexural Strength	72	MPa	ISO 178
Flexural Modulus	3600	MPa	ISO 178
Surface Resistance	>10 ⁹	ohm/sq	ASTM D257
Specific Gravity	1.35	g/cm ³	ISO 1183
Glass Transition Temperature	70	°C	DSC
HDT A @ .45 MPa	186	°C	ISO 75

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