

Amilan™ CM2001G-30 Nylon 610

TECHNICAL DATA

Product Description

Standard, GF30%

Uses • Fasteners • Structural Parts

Processing Method • Injection Molding

ISO Designation • >PA610-GF30<

Type • Nylon610

ASTM & ISO Properties

Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.32	g/cm³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	160	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	4.0	%	ISO 527-2
Flexural Modulus (23°C)	8400	MPa	ISO 178
Flexural Stress (23°C)	250	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	14.0	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	205	°C	ISO 75-2/A
Melting Temperature	225	°C	DSC

Toray Industries, Inc.

