

Amilan™ CM3001G-33 Nylon 66

TECHNICAL DATA

Product Description

Standard, GF33%

Uses

- Automotive Applications
- Automotive Under the Hood
- Automotive Electronics
- Transmission Applications

Processing Method

- Injection Molding

ISO Designation

- >PA66-GF33<

Type

- Nylon66/Reinforced

ASTM & ISO Properties

Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.41	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	198	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	3.0	%	ISO 527-2
Flexural Modulus (23°C)	9700	MPa	ISO 178
Flexural Stress (23°C)	290	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	12.8	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	
Melting Temperature	265	°C	
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.75 mm)	HB		UL 94

Toray Industries, Inc.

