

Amilan™ CM1017XL2

Nylon 6

TECHNICAL DATA

Product Description

High cycle

Uses

- Automotive Applications
- Electrical/Electronic Applications
- Fasteners

Processing Method

- Injection Molding

ISO Designation

- >PA6<

Type

- Nylon6/Unreinforced

ASTM & ISO Properties

Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.13	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	87	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	11	%	ISO 527-2
Flexural Modulus (23°C)	2900	MPa	ISO 178
Flexural Stress (23°C)	118	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.4	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	222	°C	DSC
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.75 mm)	V-2		UL 94

Toray Industries, Inc.

