



# Amilan™ CM1017XL2

Toray Industries, Inc. - Polyamide 6

## General Information

### Product Description

High cycle

### General

Features	• Chemical Resistant	• Fast Molding Cycle
Uses	• Automotive Applications	• Electrical/Electronic Applications • Fasteners
Processing Method	• Injection Molding	
ISO Designation	• >PA6<	

## Properties<sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.13	g/cm <sup>3</sup>	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (73°F)	12600	psi	ISO 527-2
Tensile Strain (Break, 73°F)	11	%	ISO 527-2
Flexural Modulus (73°F)	421000	psi	ISO 178
Flexural Stress (73°F)	17100	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	2.1	ft·lb/in <sup>2</sup>	ISO 179
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	432	°F	DSC
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.030 in)	V-2		UL 94

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.