

Amilan™ U310

Nylon 66

TECHNICAL DATA

Product Description

Standard

Uses • Automotive Applications

Processing Method • Injection Molding

ISO Designation • >PA66-I<

Type • Nylon66/High impact

ASTM & ISO Properties

Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.12	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	70	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	25	%	ISO 527-2
Flexural Modulus (23°C)	2400	MPa	ISO 178
Flexural Stress (23°C)	95	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	12.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	
Melting Temperature	265	°C	

Toray Industries, Inc.

