

Amilan™ CM6241 M

Nylon Copolymer

TECHNICAL DATA

Product Description

Flexibility

Uses

- Fishing Applications
- Monofilaments
- Netting

Processing Method

- Filament Extrusion

ISO Designation

- >PA<

Type

- Co-polymer Nylon/Unreinforced

ASTM & ISO Properties

Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.14	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	65	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	> 50	%	ISO 527-2
Flexural Modulus (23°C)	2200	MPa	ISO 178
Flexural Stress (23°C)	90	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	190	°C	DSC
Fill Analysis	Nominal Value	Unit	
Melt Viscosity ¹			
230°C	1260	Pa·s	
250°C	750	Pa·s	

Notes

¹ Koka Type Flow Tester

Toray Industries, Inc.

