

Amilan® CM6041XF

Polyamide Copolymer
Toray Resin Company

Message:

Amilan® CM6041XF is a Polyamide Copolymer (Nylon Copolymer) product. It is available in Asia Pacific, Europe, or North America.

General Information			
Part Marking Code	>PA<		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.14	g/cm³	ISO 1183
Water Absorption (23°C, 24 hr)	2.0	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (23°C)	70.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	50	%	ISO 527-2
Flexural Modulus (23°C)	2500	MPa	ISO 178
Flexural Stress (23°C)	95.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	194	°C	DSC
Fill Analysis	Nominal Value	Unit	
Melt Viscosity ¹			
230°C	1900	Pa·s	
250°C	1290	Pa·s	
270°C	860	Pa·s	
NOTE			

1. Koka Type Flow Tester

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