

Amilan® CM3516G33

PA66-GF33

Toray Industries, Inc.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Thermal conductivity of melt	0.4	W/(m K)	-
Spec. heat capacity of melt	1500	J/(kg K)	-
Mechanical properties			
ISO Data			
Tensile Strength	160	MPa	ISO 527
Strain at break	2.8	%	ISO 527
Flexural modulus, 23°C	9300	MPa	ISO 178
Charpy notched impact strength, +23°C	23.9	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	216	°C	ISO 11357-1/-3
Coeff. of linear therm. expansion, parallel	25	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Electrical properties			
ISO Data			
Volume resistivity	1E11	Ohm*m	IEC 62631-3-1
Other properties			
Density	1400	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

U.V. stabilized or stable to weather

Features

Copolymer

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa