TORAYCA 3101T-30V

PA66-CF30 Toray Industries, Inc.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	**240**	MPa	ISO 527
Strain at break	**1.6**	%	ISO 527
Flexural modulus, 23°C	**19000**	MPa	ISO 178
Charpy notched impact strength, +23°C	**9.8**	kJ/m²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	**265**	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	**250**	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	**20**	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	**HB**	class	IEC 60695-11-10

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	**0.02**	Ohm*m	IEC 62631-3-1

Other properties	Value	Unit	Test Standard
Humidity absorption	**1.75**	%	Sim. to ISO 62
Density	**1270**	kg/m³	ISO 1183

Characteristics

Regional Availability

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

Copyright Altair Engineering GmbH. Altair Engineering GmbH assumes no liability for the system to be free of errors. The user takes sole responsibility for the use of this data under the exclusion of every liability from Altair Engineering GmbH; this is especially valid for claims of compensation resulting from consequential damages. Altair explicitly points out that any decision about the application of materials must be double checked with the producer of this material. This includes all contents of this system. Copyright laws are applicable for the content of this system.