TORELINA® A670X01

PPS

Toray Industries, Inc.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	**45**	MPa	ISO 527
Strain at break	**25**	%	ISO 527
Flexural modulus, 23°C	**1800**	MPa	ISO 178
Charpy impact strength, +23°C	**400**	kJ/m²	ISO 179/1eU
Charpy notched impact strength, +23°C	**40**	kJ/m²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	**278**	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	**97**	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	**120**	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	**120**	E-6/K	ISO 11359-1/-2

Electrical properties	Value	Unit	Test Standard
ISO Data			
Relative permittivity, 1MHz	**3**	-	IEC 62631-2-1
Dissipation factor, 1MHz	**20**	E-4	IEC 62631-2-1
Volume resistivity	**>1E13**	Ohm*m	IEC 62631-3-1
Electric strength	**34**	kV/mm	IEC 60243-1

Other properties	Value	Unit	Test Standard
Density	**1200**	kg/m³	ISO 1183

Characteristics

Delivery form

Natural Color

Special Characteristics

High impact or impact modified

Regional Availability

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

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