

TORAYCON® 1154W

PBT-(GF+GS)33...

Toray Industries, Inc.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	9800	MPa	ISO 527
Tensile Strength	105	MPa	ISO 527
Strain at break	2.5	%	ISO 527
Flexural modulus, 23°C	9200	MPa	ISO 178
Charpy notched impact strength, +23°C	5	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	194	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	218	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	37	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Dissipation factor, 1MHz	200	E-4	IEC 62631-2-1
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
Electric strength	19	kV/mm	IEC 60243-1

Other properties	Value	Unit	Test Standard
Density	1650	kg/m ³	ISO 1183

Characteristics**Additives**

Flame retarding agent

Features

Low Warpage

Special Characteristics

Flame retardant

Regional Availability

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