

**Tarolon 2500 G2**

PC-GF10

Taro Plast S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	12	g/10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	3800	MPa	ISO 527
Stress at break	75	MPa	ISO 527
Strain at break	6	%	ISO 527
Flexural modulus, 23°C	3600	MPa	ISO 178
Charpy impact strength, +23°C	45	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	10	kJ/m <sup>2</sup>	ISO 179/1eA
<b>ASTM Data</b>			
Izod Impact notched, 1/8 in	150	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	142	°C	ISO 75-1/-2
Vicat softening temperature, A	153	°C	ISO 306
Coeff. of linear therm. expansion, parallel	35	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	V-2	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
<b>ASTM Data</b>			
UL 94 Flame rating	V-1	-	UL 94
Thickness tested	3.2	mm	-
Limiting Oxygen Index	30	%	ASTM D 2863

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
Electric strength	22	kV/mm	IEC 60243-1
Comparative tracking index	150	-	IEC 60112

Other properties	Value	Unit	Test Standard
Water absorption	0.3	%	Sim. to ISO 62
Density	1250	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Additives**

Release agent

**Special Characteristics**

U.V. stabilized or stable to weather

**Features**

Laser Markable, Low Odor

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

Europe