

**Tarolox 10 G2 X0**

PBT-GF10

Taro Plast S.p.A.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>5000</b>	MPa	ISO 527
Stress at break	<b>85</b>	MPa	ISO 527
Strain at break	<b>6</b>	%	ISO 527
Flexural modulus, 23°C	<b>4500</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>4</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<b>ASTM Data</b>			
Izod Impact notched, 1/8 in	<b>50</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>223</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	<b>180</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>206</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>210</b>	°C	ISO 306
Vicat softening temperature, B	<b>205</b>	°C	ISO 306
Coeff. of linear therm. expansion, parallel	<b>30</b>	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	<b>V-0</b>	class	IEC 60695-11-10
Burning behav. at thickness h	<b>V-0</b>	class	IEC 60695-11-10
Thickness tested	<b>3.2</b>	mm	-
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94
Thickness tested	<b>0.75</b>	mm	-
Limiting Oxygen Index	<b>29</b>	%	ASTM D 2863
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	<b>1E13</b>	Ohm*m	IEC 62631-3-1
Electric strength	<b>20</b>	kV/mm	IEC 60243-1
Comparative tracking index	<b>225</b>	-	IEC 60112
<b>Other properties</b>			
Water absorption	<b>0.32</b>	%	Sim. to ISO 62
Density	<b>1480</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Additives**

Release agent

**Special Characteristics**

Flame retardant, Heat stabilized or stable to heat

**Features**

Low Odor

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

Europe