

Tarolox 10 G4 X0

PBT-GF20

Taro Plast S.p.A.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	8000	MPa	ISO 527
Stress at break	110	MPa	ISO 527
Strain at break	3	%	ISO 527
Flexural modulus, 23°C	7500	MPa	ISO 178
Charpy notched impact strength, +23°C	5.5	kJ/m ²	ISO 179/1eA
ASTM Data			
Izod Impact notched, 1/8 in	65	J/m	ASTM D 256
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	223	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	205	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	215	°C	ISO 75-1/-2
Vicat softening temperature, A	215	°C	ISO 306
Vicat softening temperature, B	210	°C	ISO 306
Coeff. of linear therm. expansion, parallel	30	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	3.2	mm	-
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.97	mm	-
Limiting Oxygen Index	31	%	ASTM D 2863
Electrical properties			
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Electric strength	24	kV/mm	IEC 60243-1
Comparative tracking index	250	-	IEC 60112
Other properties			
Water absorption	0.25	%	Sim. to ISO 62
Density	1580	kg/m ³	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