

Tarolox 10 G3

PBT-GF15

Taro Plast S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	25	g/10min	ISO 1133
Temperature	250	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	5800	MPa	ISO 527
Stress at break	95	MPa	ISO 527
Strain at break	4	%	ISO 527
Flexural modulus, 23°C	5500	MPa	ISO 178
Charpy notched impact strength, +23°C	5	kJ/m ²	ISO 179/1eA
ASTM Data			
Izod Impact notched, 1/8 in	60	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	223	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	190	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	210	°C	ISO 75-1/-2
Vicat softening temperature, A	210	°C	ISO 306
Vicat softening temperature, B	205	°C	ISO 306
Coeff. of linear therm. expansion, parallel	35	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	3.2	mm	-
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	0.97	mm	-
Limiting Oxygen Index	20	%	ASTM D 2863

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Electric strength	21	kV/mm	IEC 60243-1
Comparative tracking index	500	-	IEC 60112

Other properties	Value	Unit	Test Standard
Water absorption	0.3	%	Sim. to ISO 62
Density	1400	kg/m ³	ISO 1183

Characteristics**Delivery form**

Pellets

Features

Low Odor

Additives

Release agent

Regional Availability

Europe

Special Characteristics

Heat stabilized or stable to heat