

Tarolox 10 Z2

PBT

Taro Plast S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	12	g/10min	ISO 1133
Temperature	250	°C	-
Load	1.2	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	2200	MPa	ISO 527
Yield stress	55	MPa	ISO 527
Stress at break	45	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	2100	MPa	ISO 178
Charpy notched impact strength, +23°C	10	kJ/m ²	ISO 179/1eA
ASTM Data			
Izod Impact notched, 1/8 in	85	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	45	J/m	ASTM D 256
Temperature	-30	°C	-
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	223	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	55	°C	ISO 75-1/-2
Vicat softening temperature, A	185	°C	ISO 306
Vicat softening temperature, B	165	°C	ISO 306
Coeff. of linear therm. expansion, parallel	100	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	22	%	ASTM D 2863
Electrical properties			
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Electric strength	18	kV/mm	IEC 60243-1
Comparative tracking index	600	-	IEC 60112
Other properties			
Water absorption	0.5	%	Sim. to ISO 62
Density	1270	kg/m ³	ISO 1183

Characteristics**Delivery form**

Pellets

Features

Low Odor

Additives

Release agent

Regional Availability

Europe

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat