

Tarolox 10 G5

PBT-GF25

Taro Plast S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	20	g/10min	ISO 1133
Temperature	250	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	8000	MPa	ISO 527
Stress at break	115	MPa	ISO 527
Strain at break	2.6	%	ISO 527
Flexural modulus, 23°C	7500	MPa	ISO 178
Charpy notched impact strength, +23°C	7.5	kJ/m ²	ISO 179/1eA
ASTM Data			
Izod Impact notched, 1/8 in	76	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	65	J/m	ASTM D 256
Temperature	-20	°C	-
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	223	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	208	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	218	°C	ISO 75-1/-2
Vicat softening temperature, A	216	°C	ISO 306
Vicat softening temperature, B	212	°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			
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Electric strength	22	kV/mm	IEC 60243-1
Comparative tracking index	450	-	IEC 60112
Other properties			
Water absorption	0.24	%	Sim. to ISO 62
Density	1490	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