

Tarolox 111 G9

PET-GF45

Taro Plast S.p.A.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	15500	MPa	ISO 527
Stress at break	185	MPa	ISO 527
Strain at break	2	%	ISO 527
Flexural modulus, 23°C	13500	MPa	ISO 178
Charpy impact strength, +23°C	60	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	11	kJ/m ²	ISO 179/1eA
ASTM Data			
Izod Impact notched, 1/8 in	115	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	90	J/m	ASTM D 256
Temperature	-20	°C	-
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	256	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	230	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	248	°C	ISO 75-1/-2
Vicat softening temperature, B	245	°C	ISO 306
Coeff. of linear therm. expansion, parallel	20	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	1.0	mm	-
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
Limiting Oxygen Index	22	%	ASTM D 2863
Electrical properties			
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Electric strength	32	kV/mm	IEC 60243-1
Comparative tracking index	250	-	IEC 60112
Other properties			
Water absorption	0.04	%	Sim. to ISO 62
Density	1690	kg/m ³	ISO 1183

Characteristics**Delivery form**

Pellets

Features

Low Odor

Additives

Release agent

Chemical Resistance

General Chemical Resistance

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

Europe