

Tarolox 111 G3

PET-GF15

Taro Plast S.p.A.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	5300	MPa	ISO 527
Stress at break	80	MPa	ISO 527
Strain at break	3.5	%	ISO 527
Flexural modulus, 23°C	4800	MPa	ISO 178
Charpy impact strength, +23°C	30	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6	kJ/m ²	ISO 179/1eA
ASTM Data			
Izod Impact notched, 1/8 in	50	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	252	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	218	°C	ISO 75-1/-2
Vicat softening temperature, B	220	°C	ISO 306
Coeff. of linear therm. expansion, parallel	36	E-6/K	ISO 11359-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	0.97	mm	-
Limiting Oxygen Index	22	%	ASTM D 2863

Electrical properties	Value	Unit	Test Standard
ISO Data			
Electric strength	32	kV/mm	IEC 60243-1
Comparative tracking index	250	-	IEC 60112

Other properties	Value	Unit	Test Standard
Water absorption	0.08	%	Sim. to ISO 62
Density	1410	kg/m ³	ISO 1183

Characteristics**Delivery form**

Pellets

Features

Low Odor

Additives

Release agent

Applications

Chemical Process

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

Europe