

Tarolox GFR 5

PBT-GF25

Taro Plast S.p.A.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	9300	MPa	ISO 527
Stress at break	93	MPa	ISO 527
Strain at break	2.4	%	ISO 527
Flexural modulus, 23°C	8100	MPa	ISO 178
Charpy impact strength, +23°C	43	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	5.2	kJ/m ²	ISO 179/1eA
ASTM Data			
Izod Impact notched, 1/8 in	62	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	42	J/m	ASTM D 256
Temperature	-20	°C	-
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	225	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	210	°C	ISO 75-1/-2
Vicat softening temperature, B	207	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	3.0	mm	-
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.75	mm	-
Electrical properties			
ISO Data			
Comparative tracking index	525	-	IEC 60112
Other properties			
Water absorption	0.22	%	Sim. to ISO 62
Density	1510	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Flame retardant, Heat stabilized or stable to heat

Features

Low Odor

Applications

Automotive, Electrical and Electronical

Regional Availability

Europe