

Tarolon 2500 W G5 X0

PC-GF25

Taro Plast S.p.A.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	7200	MPa	ISO 527
Stress at break	90	MPa	ISO 527
Strain at break	4	%	ISO 527
Flexural modulus, 23°C	7000	MPa	ISO 178
Charpy impact strength, +23°C	44	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	10	kJ/m ²	ISO 179/1eA
ASTM Data			
Izod Impact notched, 1/8 in	125	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	148	°C	ISO 75-1/-2
Vicat softening temperature, A	156	°C	ISO 306
Coeff. of linear therm. expansion, parallel	25	E-6/K	ISO 11359-1/-2
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.97	mm	-
Limiting Oxygen Index	36	%	ASTM D 2863

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Electric strength	24	kV/mm	IEC 60243-1
Comparative tracking index	150	-	IEC 60112

Other properties	Value	Unit	Test Standard
Water absorption	0.25	%	Sim. to ISO 62
Density	1140	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Flame retardant, U.V. stabilized or stable to weather

Applications

Automotive, Electrical and Electronical

Features

Low Odor

Regional Availability

Europe