

Tarolon 2500 G4 X1

PC-GF20

Taro Plast S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	12	g/10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	6000	MPa	ISO 527
Stress at break	90	MPa	ISO 527
Strain at break	4	%	ISO 527
Flexural modulus, 23°C	5500	MPa	ISO 178
Charpy impact strength, +23°C	45	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			
ISO Data			
Temp. of deflection under load, 1.80 MPa	142	°C	ISO 75-1/-2
Vicat softening temperature, A	153	°C	ISO 306
Coeff. of linear therm. expansion, parallel	30	E-6/K	ISO 11359-1/-2
ASTM Data			
UL 94 Flame rating	V-1	-	UL 94
Thickness tested	1.6	mm	-
Limiting Oxygen Index	31	%	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	175	-	IEC 60112
Other properties			
Water absorption	0.25	%	Sim. to ISO 62
Density	1340	kg/m ³	ISO 1183

Characteristics**Delivery form**

Natural Color

Features

Low Odor

Special Characteristics

Flame retardant

Applications

Automotive, Electrical and Electronical