

**Tarolon 2011**

PC

Taro Plast S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	22	g/10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	2300	MPa	ISO 527
Yield stress	60	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	2500	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	20	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength	10	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	-25	°C	-
<b>ASTM Data</b>			
Izod Impact notched, 1/8 in	500	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	135	°C	ISO 75-1/-2
Vicat softening temperature, A	148	°C	ISO 306
Coeff. of linear therm. expansion, parallel	70	E-6/K	ISO 11359-1/-2
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
Limiting Oxygen Index	26	%	ASTM D 2863
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Electric strength	20	kV/mm	IEC 60243-1
Comparative tracking index	225	-	IEC 60112
<b>Optical properties</b>			
<b>ASTM Data</b>			
Light Transmittance	89	%	ASTM D 1003
Index of Refraction	1.58	-	ASTM D 542
<b>Other properties</b>			
<b>Value</b>			
Water absorption	0.3	%	Sim. to ISO 62
Density	1200	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Additives**

Release agent

**Special Characteristics**

U.V. stabilized or stable to weather, Transparent

**Features**

Low Odor

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

Europe