

Taroloy 10
(PC+PBT)

Taro Plast S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	20	g/10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	2150	MPa	ISO 527
Yield stress	65	MPa	ISO 527
Stress at break	60	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	2300	MPa	ISO 178
Charpy notched impact strength, +23°C	50	kJ/m ²	ISO 179/1eA
ASTM Data			
Izod Impact notched, 1/8 in	700	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	110	°C	ISO 75-1/-2
Vicat softening temperature, A	140	°C	ISO 306
Coeff. of linear therm. expansion, parallel	80	E-6/K	ISO 11359-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
Electrical properties			
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Electric strength	18	kV/mm	IEC 60243-1
Comparative tracking index	200	-	IEC 60112
Other properties			
Water absorption	0.3	%	Sim. to ISO 62
Density	1210	kg/m ³	ISO 1183

Characteristics**Additives**

Release agent

Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather

Features

Low Odor

Applications

Automotive, Electrical and Electronical

Regional Availability

Europe