

Tarodur 100 X0

ABS

Taro Plast S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	25	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	2700	MPa	ISO 527
Yield stress	46	MPa	ISO 527
Strain at break	10	%	ISO 527
Flexural modulus, 23°C	2500	MPa	ISO 178
Charpy notched impact strength, +23°C	10	kJ/m ²	ISO 179/1eA
ASTM Data			
Izod Impact notched, 1/8 in	120	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	50	J/m	ASTM D 256
Temperature	-20	°C	-
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	80	°C	ISO 75-1/-2
Vicat softening temperature, A	95	°C	ISO 306
Vicat softening temperature, B	90	°C	ISO 306
Coeff. of linear therm. expansion, parallel	55	E-6/K	ISO 11359-1/-2
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.6	mm	-
Limiting Oxygen Index	27	%	ASTM D 2863
Electrical properties			
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Comparative tracking index	400	-	IEC 60112
Other properties			
Water absorption	0.7	%	Sim. to ISO 62
Density	1120	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Anti-static, U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Features

Low Odor, Non Blooming

Applications

Automotive, Electrical and Electronical

Regional Availability

Europe