

Nilene E10 K20T

PP-T20

Taro Plast S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	10	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Yield stress	30	MPa	ISO 527
Strain at break	32	%	ISO 527
Flexural modulus, 23°C	2000	MPa	ISO 178
Charpy notched impact strength, +23°C	5.2	kJ/m ²	ISO 179/1eA
ASTM Data			
Izod Impact notched, 1/8 in	50	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	300	J/m	ASTM D 256
Temperature	-20	°C	-
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	60	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	130	°C	ISO 75-1/-2
Vicat softening temperature, A	152	°C	ISO 306
Vicat softening temperature, B	80	°C	ISO 306
Coeff. of linear therm. expansion, parallel	60	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			
Comparative tracking index	600	-	IEC 60112
Other properties			
Water absorption	0.05	%	Sim. to ISO 62
Density	1050	kg/m ³	ISO 1183

Characteristics**Delivery form**

Pellets

Special Characteristics

U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Features

Laser Markable, Low Odor, Copolymer

Applications

Automotive, Electrical and Electronical

Regional Availability

Europe