

**Nilene E K20T**

PP-T20

Taro Plast S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	10	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Yield stress	30	MPa	ISO 527
Strain at break	32	%	ISO 527
Flexural modulus, 23°C	1900	MPa	ISO 178
Charpy notched impact strength, +23°C	5.2	kJ/m <sup>2</sup>	ISO 179/1eA
<b>ASTM Data</b>			
Izod Impact notched, 1/8 in	55	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	30	J/m	ASTM D 256
Temperature	-20	°C	-
<b>Thermal properties</b>			
<b>ISO Data</b>			
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
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	0.17	Ohm*m	IEC 62631-3-1
Comparative tracking index	600	-	IEC 60112
<b>Other properties</b>			
Water absorption	0.05	%	Sim. to ISO 62
Density	1050	kg/m <sup>3</sup>	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