

**Nilene P10 K40T**

PP-T40

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	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	4100	MPa	ISO 527
Yield stress	31	MPa	ISO 527
Yield strain	3.5	%	ISO 527
Stress at break	27	MPa	ISO 527
Strain at break	25	%	ISO 527
Flexural modulus, 23°C	4000	MPa	ISO 178
Charpy notched impact strength, +23°C	3.5	kJ/m <sup>2</sup>	ISO 179/1eA
<b>ASTM Data</b>			
Izod Impact notched, 1/8 in	30	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	20	J/m	ASTM D 256
Temperature	-20	°C	-

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	85	°C	ISO 75-1/-2
Vicat softening temperature, A	155	°C	ISO 306
Vicat softening temperature, B	95	°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	-
Limiting Oxygen Index	21	%	ASTM D 2863

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Comparative tracking index	600	-	IEC 60112

Other properties	Value	Unit	Test Standard
Water absorption	0.05	%	Sim. to ISO 62
Density	1240	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Delivery form**

Pellets

**Applications**

Automotive, Electrical and Electronical

**Special Characteristics**

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

**Regional Availability**

Europe

**Features**

Laser Markable, Low Odor, Homopolymer