

**Nilene E8**

PP

Taro Plast S.p.A.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>8</b>	g/10min	ISO 1133
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Yield stress	<b>22</b>	MPa	ISO 527
Strain at break	<b>&gt;50</b>	%	ISO 527
Flexural modulus, 23°C	<b>1100</b>	MPa	ISO 178
<b>ASTM Data</b>			
Izod Impact notched, 1/8 in	<b>100</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>55</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>115</b>	°C	ISO 75-1/-2
Vicat softening temperature, B	<b>75</b>	°C	ISO 306
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
Thickness tested	<b>1.6</b>	mm	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Comparative tracking index	<b>600</b>	-	IEC 60112
<b>Other properties</b>			
Water absorption	<b>0.02</b>	%	Sim. to ISO 62
Density	<b>910</b>	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, Copolymer