

**Nilene E V0 LSZH**

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>20</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>21</b>	MPa	ISO 527
Strain at break	<b>20</b>	%	ISO 527
Flexural modulus, 23°C	<b>1750</b>	MPa	ISO 178
<b>ASTM Data</b>			
Izod Impact notched, 1/8 in	<b>50</b>	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	<b>25</b>	J/m	ASTM D 256
Temperature	<b>-20</b>	°C	-
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>60</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>130</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>154</b>	°C	ISO 306
Vicat softening temperature, B	<b>72</b>	°C	ISO 306
Coeff. of linear therm. expansion, parallel	<b>70</b>	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	<b>V-0</b>	class	IEC 60695-11-10
Thickness tested	<b>3.2</b>	mm	-
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94
Thickness tested	<b>1.6</b>	mm	-
Limiting Oxygen Index	<b>28</b>	%	ASTM D 2863
<b>Electrical properties</b>			
<b>ISO Data</b>			
Electric strength	<b>25</b>	kV/mm	IEC 60243-1
Comparative tracking index	<b>600</b>	-	IEC 60112
<b>Other properties</b>			
Water absorption	<b>0.1</b>	%	Sim. to ISO 62
Density	<b>1050</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Delivery form**

Pellets

**Applications**

Automotive, Electrical and Electronical

**Special Characteristics**

Flame retardant, U.V. stabilized or stable to weather

**Regional Availability**

Europe

**Features**

Low Odor, Copolymer