

Nilene E V2 LBAF

PP

Taro Plast S.p.A.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	23	MPa	ISO 527
Yield strain	100	%	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1380	MPa	ISO 178
Charpy notched impact strength, +23°C	5.3	kJ/m ²	ISO 179/1eA
ASTM Data			
Izod Impact notched, 1/8 in	70	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	45	J/m	ASTM D 256
Temperature	-25	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	55	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	95	°C	ISO 75-1/-2
Vicat softening temperature, A	142	°C	ISO 306
Vicat softening temperature, B	70	°C	ISO 306
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	0.8	mm	-
Limiting Oxygen Index	26	%	ASTM D 2863

Electrical properties	Value	Unit	Test Standard
ISO Data			
Comparative tracking index	600	-	IEC 60112

Other properties	Value	Unit	Test Standard
Water absorption	0.05	%	Sim. to ISO 62
Density	930	kg/m ³	ISO 1183

Characteristics**Delivery form**

Pellets

Applications

Automotive, Electrical and Electronical

Special Characteristics

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

Regional Availability

Europe

Features

Laser Markable, Low Odor, Copolymer