

Nilene E5

PP

Taro Plast S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	5	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Yield stress	22	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1100	MPa	ISO 178
ASTM Data			
Izod Impact notched, 1/8 in	100	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	55	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	115	°C	ISO 75-1/-2
Vicat softening temperature, B	75	°C	ISO 306
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
Electrical properties			
ISO Data			
Comparative tracking index	600	-	IEC 60112
Other properties			
Water absorption	0.02	%	Sim. to ISO 62
Density	910	kg/m ³	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