

Nilene E12

PP

Taro Plast S.p.A.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|---------------|-------------------|----------------------|
| ISO Data | | | |
| Melt flow index, MFI | 12 | 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

Special Characteristics

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

Features

Laser Markable, Low Odor, Copolymer

Applications

Automotive, Electrical and Electronical

Regional Availability

Europe