

Tarolox 900 G3

PET-GF15

Taro Plast S.p.A.

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------------------|--------------|-------------------|----------------------|
| ISO Data | | | |
| Tensile Modulus | 5500 | MPa | ISO 527 |
| Stress at break | 90 | MPa | ISO 527 |
| Strain at break | 3.5 | % | ISO 527 |
| Flexural modulus, 23°C | 5000 | MPa | ISO 178 |
| Charpy impact strength, +23°C | 32 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 6.5 | kJ/m ² | ISO 179/1eA |
| ASTM Data | | | |
| Izod Impact notched, 1/8 in | 50 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|---|--------------|-------------|----------------------|
| ISO Data | | | |
| Melting temperature, 10°C/min | 252 | °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.80 MPa | 218 | °C | ISO 75-1/-2 |
| Vicat softening temperature, B | 220 | °C | ISO 306 |
| Coeff. of linear therm. expansion, parallel | 36 | E-6/K | ISO 11359-1/-2 |
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| Thickness tested | 0.97 | mm | - |
| Limiting Oxygen Index | 22 | % | ASTM D 2863 |

| Electrical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ISO Data | | | |
| Electric strength | 34 | kV/mm | IEC 60243-1 |
| Comparative tracking index | 250 | - | IEC 60112 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Water absorption | 0.06 | % | Sim. to ISO 62 |
| Density | 1410 | kg/m ³ | ISO 1183 |

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Additives

Release agent

Special Characteristics

Heat stabilized or stable to heat

Features

Color Stability, Low Odor

Chemical Resistance

General Chemical Resistance