

Taronyl G4

PPO-GF20

Taro Plast S.p.A.

| Mechanical properties | Value | Unit | Test Standard |
|---|-----------------|-------------------|----------------------|
| ISO Data | | | |
| Tensile Modulus | 6400 | MPa | ISO 527 |
| Stress at break | 100 | MPa | ISO 527 |
| Strain at break | 3 | % | ISO 527 |
| Flexural modulus, 23°C | 6000 | MPa | ISO 178 |
| Charpy notched impact strength, +23°C | 8 | kJ/m ² | ISO 179/1eA |
| ASTM Data | | | |
| Izod Impact notched, 1/8 in | 80 | J/m | ASTM D 256 |
| Izod Impact notched, Low-Temperature | 78 | J/m | ASTM D 256 |
| Temperature | -25 | °C | - |
| Thermal properties | | | |
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 150 | °C | ISO 75-1/-2 |
| Vicat softening temperature, A | 150 | °C | ISO 306 |
| Vicat softening temperature, B | 138 | °C | ISO 306 |
| Coeff. of linear therm. expansion, parallel | 35 | E-6/K | ISO 11359-1/-2 |
| Burning behav. at 1.5 mm nom. thickn. | HB | class | IEC 60695-11-10 |
| Burning behav. at thickness h | HB | class | IEC 60695-11-10 |
| Thickness tested | 3.2 | mm | - |
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| Thickness tested | 0.97 | mm | - |
| Limiting Oxygen Index | 26 | % | ASTM D 2863 |
| Electrical properties | | | |
| ISO Data | | | |
| Volume resistivity | >1E13 | Ohm*m | IEC 62631-3-1 |
| Electric strength | 17 | kV/mm | IEC 60243-1 |
| Comparative tracking index | 225 | - | IEC 60112 |
| Other properties | | | |
| Water absorption | 0.14 | % | Sim. to ISO 62 |
| Density | 1210 | kg/m ³ | ISO 1183 |

Characteristics**Features**

Thermal Stability

Regional Availability

Europe