

Taromid A 280 G10

PA66-GF50

Taro Plast S.p.A.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|---------------------------------------------|-------|-------------------|----------------|
| ISO Data | | | |
| Melt flow index, MFI | 5 | g/10min | ISO 1133 |
| Temperature | 280 | °C | - |
| Load | 2.16 | kg | - |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Modulus | 15500 | MPa | ISO 527 |
| Stress at break | 220 | MPa | ISO 527 |
| Strain at break | 1.5 | % | ISO 527 |
| Flexural modulus, 23°C | 15000 | MPa | ISO 178 |
| Charpy impact strength, +23°C | 90 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 16 | kJ/m ² | ISO 179/1eA |
| ASTM Data | | | |
| Izod Impact notched, 1/8 in | 150 | J/m | ASTM D 256 |
| Thermal properties | | | |
| ISO Data | | | |
| Melting temperature, 10°C/min | 256 | °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.80 MPa | 250 | °C | ISO 75-1/-2 |
| Vicat softening temperature, B | 255 | °C | ISO 306 |
| Coeff. of linear therm. expansion, parallel | 15 | E-6/K | ISO 11359-1/-2 |
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| Thickness tested | 0.75 | mm | - |
| Limiting Oxygen Index | 27 | % | ASTM D 2863 |
| Electrical properties | | | |
| ISO Data | | | |
| Volume resistivity | >1E13 | Ohm*m | IEC 62631-3-1 |
| Electric strength | 28 | kV/mm | IEC 60243-1 |
| Comparative tracking index | 550 | - | IEC 60112 |
| Other properties | | | |
| Water absorption | 3 | % | Sim. to ISO 62 |
| Density | 1570 | kg/m ³ | ISO 1183 |

Characteristics**Delivery form**

Pellets

Features

Low Odor

Additives

Release agent

Regional Availability

Europe

Special Characteristics

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