

TORAYCA 3101T-20V

PA66-CF20

Toray Industries, Inc.

| Mechanical properties | Value | Unit | Test Standard |
|---|--------------|-------------------|----------------------|
| ISO Data | | | |
| Tensile Strength | 223 | MPa | ISO 527 |
| Strain at break | 2.1 | % | ISO 527 |
| Flexural modulus, 23°C | 13800 | MPa | ISO 178 |
| Charpy notched impact strength, +23°C | 8.1 | kJ/m ² | ISO 179/1eA |
| Thermal properties | | | |
| ISO Data | | | |
| Melting temperature, 10°C/min | 265 | °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.80 MPa | 250 | °C | ISO 75-1/-2 |
| Coeff. of linear therm. expansion, parallel | 24 | E-6/K | ISO 11359-1/-2 |
| Burning behav. at thickness h | HB | class | IEC 60695-11-10 |
| Electrical properties | | | |
| ISO Data | | | |
| Volume resistivity | 0.02 | Ohm*m | IEC 62631-3-1 |
| Other properties | | | |
| Humidity absorption | 2 | % | Sim. to ISO 62 |
| Density | 1230 | kg/m ³ | ISO 1183 |

Characteristics**Regional Availability**

North America, Europe, Asia Pacific, South and Central America,
Near East/Africa