

TECHNICAL DATA SHEET

TOYOLAC® 100G-10

Toray Industries, Inc.
ABS-GF10

Delivery Form

Pellets

Product Text

Product Information

This material is also produced by Toray Plastics (Malaysia).

| Processing/Physical Characteristics | Value | Unit | Standard |
|--|-------|-------------------|-------------|
| Melt flow index, MFI | 24 | g/10min | ISO 1133 |
| Temperature | 240 | °C | |
| Load | 10 | kg | |
| Mechanical Properties | Value | Unit | Standard |
| Tensile strength | 81 | MPa | ISO 527 |
| Strain at break | 3 | % | ISO 527 |
| Flexural modulus, 23°C | 4200 | MPa | ISO 178 |
| Charpy notched impact strength, +23°C | 9 | kJ/m ² | ISO 179/1eA |
| Rockwell hardness | R 118 | | ISO 2039-2 |
| Thermal Properties | Value | Unit | Standard |
| Temp. of deflection under load, 1.80 MPa | 100 | °C | ISO 75-1/-2 |
| Other Properties | Value | Unit | Standard |
| Density | 1110 | kg/m ³ | ISO 1183 |
| Density | 1110 | kg/m ³ | ASTM D 792 |