

TECHNICAL DATA SHEET

TOYOLAC® 100 X01

Toray Industries, Inc.
ABS

Product Text

Product Information

This material is produced by Toray Plastics (Malaysia).

| Processing/Physical Characteristics | Value | Unit | Standard |
|--|-------|-------------------|-------------|
| Melt flow index, MFI | 15 | g/10min | ISO 1133 |
| Temperature | 220 | °C | |
| Load | 10 | kg | |
| Mechanical Properties | Value | Unit | Standard |
| Tensile modulus | 2100 | MPa | ISO 527 |
| Yield stress | 44 | MPa | ISO 527 |
| Poisson's ratio | 0.35 | | ISO 527 |
| Flexural modulus, 23°C | 2000 | MPa | ISO 178 |
| Charpy notched impact strength, +23°C | 26 | kJ/m ² | ISO 179/1eA |
| Thermal Properties | Value | Unit | Standard |
| Temp. of deflection under load, 1.80 MPa | 80 | °C | ISO 75-1/-2 |
| Other Properties | Value | Unit | Standard |
| Density | 1040 | kg/m ³ | ISO 1183 |