

Tefabloc™ TO 113 50A

TPE

Mitsubishi Chemical Performance Polymers

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--------------------------------------|-------------|---------|---------------|
| ISO Data | | | |
| Melt flow index, MFI | 4 | g/10min | ISO 1133 |
| Temperature | 190 | °C | - |
| Load | 2.16 | kg | - |
| Other Standards^[S] | | | |
| Molding shrinkage, parallel | 2.5 | % | |
| Molding shrinkage, normal | 1.3 | % | |

S: These properties are reported by the producer according standards that are different to our defaults.

| Mechanical properties | Value | Unit | Test Standard |
|--------------------------------------|-------------|------|---------------|
| ISO Data | | | |
| Tensile Strength | 2.5 | MPa | ISO 37 |
| Strain at break | 680 | % | ISO 37 |
| Compression set at 23 °C, 24h | 25 | % | ISO 815 |
| Tear strength | 18.1 | kN/m | ISO 34-1 |
| Shore A hardness | 50 | - | ISO 7619-1 |
| Other Standards^[S] | | | |
| Stress at 100% elongation | 1.2 | MPa | ISO 37 |

S: These properties are reported by the producer according standards that are different to our defaults.

| Other properties | Value | Unit | Test Standard |
|------------------|-------------|-------------------|---------------|
| Density | 1030 | kg/m ³ | ISO 1183 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|------------------|------|---------------|
| Zone 1 | 170 - 180 | °C | - |
| Zone 2 | 180 - 190 | °C | - |
| Zone 3 | 190 - 200 | °C | - |

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

Opaque

Features

Soft Feel

Chemical Resistance

Alkali Resistance

Applications

Electrical and Electronical, Sports Equipment

Regional Availability

North America, Europe, Asia Pacific