

| Processing/Physical Characteristics                | Value     | Unit              | Test Standard   |
|--|-----------|-------------------|-----------------|
| <b>ISO Data</b>                                    |           |                   |                 |
| Molding shrinkage, parallel                        | 0.2       | %                 | ISO 294-4, 2577 |
| <b>Mechanical properties</b>                       |           |                   |                 |
| <b>ISO Data</b>                                    |           |                   |                 |
| Stress at break                                    | 105       | MPa               | ISO 527         |
| Strain at break                                    | 2         | %                 | ISO 527         |
| Flexural modulus, 23°C                             | 6000      | MPa               | ISO 178         |
| Flexural strength                                  | 120       | MPa               | ISO 178         |
| Charpy notched impact strength, +23°C              | 3         | kJ/m <sup>2</sup> | ISO 179/1eA     |
| Izod notched impact strength, +23°C                | 3         | kJ/m <sup>2</sup> | ISO 180/1A      |
| <b>Thermal properties</b>                          |           |                   |                 |
| <b>ISO Data</b>                                    |           |                   |                 |
| Temp. of deflection under load, 1.80 MPa           | 135       | °C                | ISO 75-1/-2     |
| Vicat softening temperature, B                     | 145       | °C                | ISO 306         |
| Burning behav. at thickness h                      | HB        | class             | IEC 60695-11-10 |
| Thickness tested                                   | 3.0       | mm                | -               |
| <b>Other properties</b>                            |           |                   |                 |
| Density  | 1270      | kg/m <sup>3</sup> | ISO 1183        |
| <b>Processing Recommendation Injection Molding</b> |           |                   |                 |
| Pre-drying - Temperature                           | 80 - 100  | °C                | -               |
| Pre-drying - Time                                  | 3         | h                 | -               |
| Melt temperature                                   | 280 - 310 | °C                | -               |
| Mold temperature                                   | 80 - 100  | °C                | -               |

## Characteristics

### Processing

Injection Molding

### Certifications

Drinking water contact, RoHS compliant

### Applications

Electrical and Electronical

### Regional Availability

North America, Europe, Asia Pacific, South and Central America