

| Processing/Physical Characteristics                | Value     | Unit                   | Test Standard   |
|--|-----------|------------------------|-----------------|
| <b>ISO Data</b>                                    |           |                        |                 |
| Melt volume-flow rate, MVR                         | 15        | cm <sup>3</sup> /10min | ISO 1133        |
| Temperature  | 380       | °C                     | -               |
| Load   | 1.2       | kg                     | -               |
| Molding shrinkage, parallel                        | 1.3       | %                      | ISO 294-4, 2577 |
| Thermal conductivity of melt                       | 0.25      | W/(m K)                | -               |
| <b>Mechanical properties</b>                       |           |                        |                 |
| <b>ISO Data</b>                                    |           |                        |                 |
| Tensile Modulus                                    | 4000      | MPa                    | ISO 527         |
| Tensile Strength                                   | 100       | MPa                    | ISO 527         |
| Flexural modulus, 23°C                             | 3500      | MPa                    | ISO 178         |
| <b>Thermal properties</b>                          |           |                        |                 |
| <b>ISO Data</b>                                    |           |                        |                 |
| Temp. of deflection under load, 1.80 MPa           | 156       | °C                     | ISO 75-1/-2     |
| Vicat softening temperature, A                     | 300       | °C                     | ISO 306         |
| Coeff. of linear therm. expansion, parallel        | 50        | E-6/K                  | ISO 11359-1/-2  |
| <b>Other properties</b>                            |           |                        |                 |
| Density  | 1290      | kg/m <sup>3</sup>      | ISO 1183        |
| <b>Processing Recommendation Injection Molding</b> |           |                        |                 |
| Pre-drying - Temperature                           | 150       | °C                     | -               |
| Pre-drying - Time                                  | 3 - 6     | h                      | -               |
| Processing humidity                                | ≤0.05     | %                      | -               |
| Melt temperature                                   | 390       | °C                     | -               |
| Mold temperature                                   | 170 - 200 | °C                     | -               |
| Zone 1   | 360 - 370 | °C                     | -               |
| Zone 2   | 380 - 390 | °C                     | -               |
| Zone 3   | 390 - 400 | °C                     | -               |
| Nozzle temperature                                 | 360 - 380 | °C                     | -               |

## Characteristics

### Processing

Injection Molding

### Delivery form

Black

### Special Characteristics

Flame retardant

### Chemical Resistance

General Chemical Resistance

### Applications

Aircraft and Aerospace, Automotive, Medical

### Regional Availability

North America, Europe, Asia Pacific