

| <b>Processing/Physical Characteristics</b> | <b>dry / cond</b> | <b>Unit</b>            | <b>Test Standard</b> |
|--|-------------------|------------------------|----------------------|
| <b>ISO Data</b>                            |                   |                        |                      |
| Melt volume-flow rate, MVR                 | <b>12 / *</b>     | cm <sup>3</sup> /10min | ISO 1133             |
| Temperature                                | <b>380 / *</b>    | °C                     | -                    |
| Load                                       | <b>5 / *</b>      | kg                     | -                    |
| <b>Mechanical properties</b>               |                   |                        |                      |
| <b>ISO Data</b>                            |                   |                        |                      |
| Tensile Modulus                            | <b>3600 / -</b>   | MPa                    | ISO 527              |
| Tensile Strength                           | <b>90 / -</b>     | MPa                    | ISO 527              |
| Yield stress                               | <b>90 / -</b>     | MPa                    | ISO 527              |
| Yield strain                               | <b>5 / -</b>      | %                      | ISO 527              |
| Nominal strain at break                    | <b>5 / -</b>      | %                      | ISO 527              |
| Stress at break                            | <b>70 / -</b>     | MPa                    | ISO 527              |
| Charpy impact strength, +23°C              | <b>N / -</b>      | kJ/m <sup>2</sup>      | ISO 179/1eU          |
| Charpy impact strength, -30°C              | <b>N / -</b>      | kJ/m <sup>2</sup>      | ISO 179/1eU          |
| Charpy notched impact strength, +23°C      | <b>7 / -</b>      | kJ/m <sup>2</sup>      | ISO 179/1eA          |
| Type of failure                            | <b>C / -</b>      | -                      | -                    |
| Charpy notched impact strength, -30°C      | <b>6 / -</b>      | kJ/m <sup>2</sup>      | ISO 179/1eA          |
| Type of failure                            | <b>C / -</b>      | -                      | -                    |
| <b>Thermal properties</b>                  |                   |                        |                      |
| <b>ISO Data</b>                            |                   |                        |                      |
| Melting temperature, 10°C/min              | <b>340 / *</b>    | °C                     | ISO 11357-1/-3       |
| Glass transition temperature, 10°C/min     | <b>152 / *</b>    | °C                     | ISO 11357-1/-2       |
| Temp. of deflection under load, 1.80 MPa   | <b>155 / *</b>    | °C                     | ISO 75-1/-2          |
| Temp. of deflection under load, 0.45 MPa   | <b>205 / *</b>    | °C                     | ISO 75-1/-2          |
| Burning behav. at 1.5 mm nom. thickn.      | <b>V-0 / *</b>    | class                  | IEC 60695-11-10      |
| Thickness tested                           | <b>1.6 / *</b>    | mm                     | -                    |
| <b>Other properties</b>                    |                   |                        |                      |
| Density                                    | <b>1300 / -</b>   | kg/m <sup>3</sup>      | ISO 1183             |

**Characteristics**

**Processing**

Additive Manufacturing

**Delivery form**

Monofilament, Natural Color

**Special Characteristics**

Heat stabilized or stable to heat

**Features**

Thermal Stability

**Chemical Resistance**

General Chemical Resistance

**Applications**

Aircraft and Aerospace, Automotive, Electrical and Electronical

**Regional Availability**

Europe