

| Processing/Physical Characteristics | Value      | Unit    | Test Standard |
|-------------------------------------|------------|---------|---------------|
| <b>ISO Data</b>                     |            |         |               |
| Melt flow index, MFI                | <b>20</b>  | g/10min | ISO 1133      |
| Temperature                         | <b>300</b> | °C      | -             |
| Load                                | <b>1.2</b> | kg      | -             |

| Mechanical properties               | Value         | Unit              | Test Standard |
|-------------------------------------|---------------|-------------------|---------------|
| <b>ISO Data</b>                     |               |                   |               |
| Tensile Modulus                     | <b>2250</b>   | MPa               | ISO 527       |
| Yield stress                        | <b>65</b>     | MPa               | ISO 527       |
| Strain at break                     | <b>&gt;50</b> | %                 | ISO 527       |
| Izod impact strength, +23°C         | <b>N</b>      | kJ/m <sup>2</sup> | ISO 180/1U    |
| Izod notched impact strength, +23°C | <b>70</b>     | kJ/m <sup>2</sup> | ISO 180/1A    |
| Izod notched impact strength        | <b>40</b>     | kJ/m <sup>2</sup> | ISO 180/1A    |
| Temperature                         | <b>-30</b>    | °C                | -             |

| Thermal properties                       | Value      | Unit  | Test Standard   |
|--|------------|-------|-----------------|
| <b>ISO Data</b>                          |            |       |                 |
| Temp. of deflection under load, 1.80 MPa | <b>125</b> | °C    | ISO 75-1/-2     |
| Temp. of deflection under load, 0.45 MPa | <b>140</b> | °C    | ISO 75-1/-2     |
| Vicat softening temperature, B           | <b>145</b> | °C    | ISO 306         |
| Burning behav. at 1.5 mm nom. thickn.    | <b>HB</b>  | class | IEC 60695-11-10 |
| Thickness tested                         | <b>1.6</b> | mm    | -               |
| Burning behav. at thickness h            | <b>HB</b>  | class | IEC 60695-11-10 |
| Thickness tested                         | <b>0.8</b> | mm    | -               |

| Electrical properties | Value       | Unit  | Test Standard |
|-----------------------|-------------|-------|---------------|
| <b>ISO Data</b>       |             |       |               |
| Volume resistivity    | <b>1E13</b> | Ohm*m | IEC 62631-3-1 |
| Surface resistivity   | <b>1E15</b> | Ohm   | IEC 62631-3-2 |

| Other properties    | Value       | Unit              | Test Standard  |
|---------------------|-------------|-------------------|----------------|
| Humidity absorption | <b>0.2</b>  | %                 | Sim. to ISO 62 |
| Density             | <b>1190</b> | kg/m <sup>3</sup> | ISO 1183       |
| Moisture Content    | <b>0.1</b>  | %                 | -              |

| Processing Recommendation Injection Molding | Value            | Unit | Test Standard |
|---|------------------|------|---------------|
| Pre-drying - Temperature                    | <b>120</b>       | °C   | -             |
| Pre-drying - Time                           | <b>3 - 4</b>     | h    | -             |
| Melt temperature                            | <b>260 - 300</b> | °C   | -             |
| Mold temperature                            | <b>80 - 100</b>  | °C   | -             |
| Feed temperature                            | <b>60 - 80</b>   | °C   | -             |
| Holding pressure                            | <b>60 - 120</b>  | MPa  | -             |

**Characteristics**

**Processing**  
Injection Molding

**Special Characteristics**  
High impact or impact modified

**Delivery form**  
Natural Color

**Regional Availability**  
Europe