

| Processing/Physical Characteristics        | Value       | Unit                   | Test Standard   |
|--|-------------|------------------------|-----------------|
| <b>ISO Data</b>                            |             |                        |                 |
| <sup>[C]</sup> Melt volume-flow rate, MVR  | <b>4</b>    | cm <sup>3</sup> /10min | ISO 1133        |
| Temperature                                | <b>190</b>  | °C                     | -               |
| Load                                       | <b>2.16</b> | kg                     | -               |
| <sup>[C]</sup> Molding shrinkage, parallel | <b>1.9</b>  | %                      | ISO 294-4, 2577 |
| <sup>[C]</sup> Molding shrinkage, normal   | <b>1.8</b>  | %                      | ISO 294-4, 2577 |

[C]: CAMPUS

| Mechanical properties                                | Value       | Unit              | Test Standard |
|--|-------------|-------------------|---------------|
| <b>ISO Data</b>                                      |             |                   |               |
| <sup>[C]</sup> Tensile Modulus                       | <b>1950</b> | MPa               | ISO 527       |
| <sup>[C]</sup> Yield stress                          | <b>44</b>   | MPa               | ISO 527       |
| <sup>[C]</sup> Yield strain                          | <b>9</b>    | %                 | ISO 527       |
| <sup>[C]</sup> Nominal strain at break               | <b>40</b>   | %                 | ISO 527       |
| <sup>[C]</sup> Charpy impact strength, +23°C         | <b>N</b>    | kJ/m <sup>2</sup> | ISO 179/1eU   |
| <sup>[C]</sup> Charpy impact strength, -30°C         | <b>200</b>  | kJ/m <sup>2</sup> | ISO 179/1eU   |
| <sup>[C]</sup> Charpy notched impact strength, +23°C | <b>15</b>   | kJ/m <sup>2</sup> | ISO 179/1eA   |
| <sup>[C]</sup> Charpy notched impact strength, -30°C | <b>9</b>    | kJ/m <sup>2</sup> | ISO 179/1eA   |

[C]: CAMPUS

| Thermal properties   | Value      | Unit  | Test Standard  |
|--|------------|-------|----------------|
| <b>ISO Data</b>  |            |       |                |
| <sup>[C]</sup> Melting temperature, 10°C/min               | <b>166</b> | °C    | ISO 11357-1/-3 |
| <sup>[C]</sup> Temp. of deflection under load, 1.80 MPa    | <b>75</b>  | °C    | ISO 75-1/-2    |
| <sup>[C]</sup> Coeff. of linear therm. expansion, parallel | <b>120</b> | E-6/K | ISO 11359-1/-2 |

[C]: CAMPUS

| Electrical properties                       | Value       | Unit  | Test Standard |
|---|-------------|-------|---------------|
| <b>ISO Data</b>                             |             |       |               |
| <sup>[C]</sup> Relative permittivity, 100Hz | <b>3.8</b>  | -     | IEC 62631-2-1 |
| <sup>[C]</sup> Relative permittivity, 1MHz  | <b>3.8</b>  | -     | IEC 62631-2-1 |
| <sup>[C]</sup> Dissipation factor, 100Hz    | <b>30</b>   | E-4   | IEC 62631-2-1 |
| <sup>[C]</sup> Dissipation factor, 1MHz     | <b>60</b>   | E-4   | IEC 62631-2-1 |
| <sup>[C]</sup> Volume resistivity           | <b>1E11</b> | Ohm*m | IEC 62631-3-1 |
| <sup>[C]</sup> Surface resistivity          | <b>1E13</b> | Ohm   | IEC 62631-3-2 |

[C]: CAMPUS

| Other properties                   | Value       | Unit              | Test Standard  |
|------------------------------------|-------------|-------------------|----------------|
| <sup>[C]</sup> Water absorption    | <b>1</b>    | %                 | Sim. to ISO 62 |
| <sup>[C]</sup> Humidity absorption | <b>0.2</b>  | %                 | Sim. to ISO 62 |
| <sup>[C]</sup> Density             | <b>1330</b> | kg/m <sup>3</sup> | ISO 1183       |

[C]: CAMPUS

## Characteristics

### Processing

Injection Molding

### Delivery form

Pellets

### Additives

Release agent

### Special Characteristics

Light stabilized or stable to light

### Features

Copolymer