

| Mechanical properties               | Value | Unit              | Test Standard |
|-------------------------------------|-------|-------------------|---------------|
| <b>ISO Data</b>                     |       |                   |               |
| Tensile Modulus                     | 3500  | MPa               | ISO 527       |
| Stress at break                     | 50    | MPa               | ISO 527       |
| Strain at break                     | 10    | %                 | ISO 527       |
| Izod notched impact strength, +23°C | 5     | kJ/m <sup>2</sup> | ISO 180/1A    |
| Izod notched impact strength        | 4     | kJ/m <sup>2</sup> | ISO 180/1A    |
| Temperature                         | -30   | °C                | -             |

| Thermal properties                       | Value | Unit  | Test Standard   |
|------------------------------------------|-------|-------|-----------------|
| <b>ISO Data</b>                          |       |       |                 |
| Melting temperature, 10°C/min            | 165   | °C    | ISO 11357-1/-3  |
| Temp. of deflection under load, 1.80 MPa | 115   | °C    | ISO 75-1/-2     |
| Burning behav. at 1.5 mm nom. thickn.    | HB    | class | IEC 60695-11-10 |
| Thickness tested                         | 1.6   | mm    | -               |
| Burning behav. at thickness h            | HB    | class | IEC 60695-11-10 |
| Thickness tested                         | 0.8   | mm    | -               |

| Electrical properties      | Value | Unit  | Test Standard |
|----------------------------|-------|-------|---------------|
| <b>ISO Data</b>            |       |       |               |
| Volume resistivity         | 1E12  | Ohm*m | IEC 62631-3-1 |
| Surface resistivity        | >1E15 | Ohm   | IEC 62631-3-2 |
| Comparative tracking index | 500   | -     | IEC 60112     |

| Other properties    | Value | Unit              | Test Standard  |
|---------------------|-------|-------------------|----------------|
| Humidity absorption | 0.2   | %                 | Sim. to ISO 62 |
| Density             | 1580  | kg/m <sup>3</sup> | ISO 1183       |

| Processing Recommendation Injection Molding | Value     | Unit | Test Standard |
|---------------------------------------------|-----------|------|---------------|
| Pre-drying - Temperature                    | 100 - 120 | °C   | -             |
| Pre-drying - Time                           | 3 - 6     | h    | -             |
| Melt temperature                            | 190 - 230 | °C   | -             |
| Mold temperature                            | 60 - 120  | °C   | -             |
| Feed temperature                            | 30 - 50   | °C   | -             |
| Holding pressure                            | 80 - 100  | MPa  | -             |

## Characteristics

### Processing

Injection Molding

### Delivery form

Natural Color

### Special Characteristics

Heat stabilized or stable to heat

### Regional Availability

Europe