

| Mechanical properties                 | Value | Unit              | Test Standard |
|---------------------------------------|-------|-------------------|---------------|
| <b>ISO Data</b>                       |       |                   |               |
| Tensile Strength                      | 85    | MPa               | ISO 527       |
| Strain at break                       | 0.7   | %                 | ISO 527       |
| Flexural modulus, 23°C                | 18000 | MPa               | ISO 178       |
| Charpy impact strength, +23°C         | 13    | kJ/m <sup>2</sup> | ISO 179/1eU   |
| Charpy notched impact strength, +23°C | 4     | kJ/m <sup>2</sup> | ISO 179/1eA   |
| Rockwell hardness                     | R 123 | -                 | ISO 2039-2    |

| Thermal properties                          | Value | Unit  | Test Standard   |
|---|-------|-------|-----------------|
| <b>ISO Data</b>                             |       |       |                 |
| Melting temperature, 10°C/min               | 278   | °C    | ISO 11357-1/-3  |
| Temp. of deflection under load, 1.80 MPa    | 260   | °C    | ISO 75-1/-2     |
| Coeff. of linear therm. expansion, parallel | 20    | E-6/K | ISO 11359-1/-2  |
| Coeff. of linear therm. expansion, normal   | 28    | E-6/K | ISO 11359-1/-2  |
| Burning behav. at thickness h               | V-0   | class | IEC 60695-11-10 |
| Thickness tested                            | 0.4   | mm    | -               |

| Electrical properties       | Value | Unit  | Test Standard |
|-----------------------------|-------|-------|---------------|
| <b>ISO Data</b>             |       |       |               |
| Relative permittivity, 1MHz | 5.1   | -     | IEC 62631-2-1 |
| Dissipation factor, 1MHz    | 20    | E-4   | IEC 62631-2-1 |
| Volume resistivity          | >1E13 | Ohm*m | IEC 62631-3-1 |
| Electric strength           | 22    | kV/mm | IEC 60243-1   |

| Other properties | Value | Unit              | Test Standard |
|------------------|-------|-------------------|---------------|
| Density          | 1840  | kg/m <sup>3</sup> | ISO 1183      |

**Characteristics**

**Delivery form**

Black

**Special Characteristics**

High impact or impact modified

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America, Near East/Africa