

| Processing/Physical Characteristics | Value | Unit                   | Test Standard   |
|-------------------------------------|-------|------------------------|-----------------|
| <b>ISO Data</b>                     |       |                        |                 |
| Melt volume-flow rate, MVR          | 3.3   | cm <sup>3</sup> /10min | ISO 1133        |
| Temperature                         | 190   | °C                     | -               |
| Load                                | 2.16  | kg                     | -               |
| Melt flow index, MFI                | 4     | g/10min                | ISO 1133        |
| Temperature                         | 190   | °C                     | -               |
| Load                                | 2.16  | kg                     | -               |
| Molding shrinkage, parallel         | 1.1   | %                      | ISO 294-4, 2577 |
| Molding shrinkage, normal           | 0.9   | %                      | ISO 294-4, 2577 |

| Mechanical properties                 | Value | Unit              | Test Standard |
|---------------------------------------|-------|-------------------|---------------|
| <b>ISO Data</b>                       |       |                   |               |
| Tensile Modulus                       | 8800  | MPa               | ISO 527       |
| Tensile Strength                      | 116   | MPa               | ISO 527       |
| Strain at break                       | 2     | %                 | ISO 527       |
| Flexural modulus, 23°C                | 7500  | MPa               | ISO 178       |
| Flexural strength                     | 170   | MPa               | ISO 178       |
| Charpy notched impact strength, +23°C | 3     | kJ/m <sup>2</sup> | ISO 179/1eA   |
| Rockwell hardness                     | M 95  | -                 | ISO 2039-2    |

| Thermal properties                          | Value | Unit  | Test Standard   |
|---|-------|-------|-----------------|
| <b>ISO Data</b>                             |       |       |                 |
| Temp. of deflection under load, 1.80 MPa    | 163   | °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   | 90    | E-6/K | ISO 11359-1/-2  |
| Burning behav. at thickness h               | HB    | class | IEC 60695-11-10 |
| Yellow Card available                       | yes   | -     | -               |

| Other properties | Value | Unit              | Test Standard |
|------------------|-------|-------------------|---------------|
| Density          | 1440  | kg/m <sup>3</sup> | ISO 1183      |

## Characteristics

### Special Characteristics

Increased electrical conductivity

### Regional Availability

Asia Pacific