

SELON 1015

PC

Soredi S.p.a.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|--------|---------|---------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 13 | g/10min | ASTM D 1238 |
| Temperature | 300 | °C | - |
| Load | 1.2 | kg | - |
| Mold Shrinkage, MD | 0.0065 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|--------------------------------------|-------|------|---------------|
| ASTM Data | | | |
| Tensile Strength at Yield | 60 | MPa | ASTM D 638 |
| Tensile Strength at Break | 70 | MPa | ASTM D 638 |
| Flexural Modulus | 2200 | MPa | ASTM D 790 |
| Flexural Strength | 90 | MPa | ASTM D 790 |
| Rockwell Hardness | R 60 | - | ASTM D 785 |
| Izod Impact notched, 1/8 in | 576 | J/m | ASTM D 256 |
| Izod Impact notched, Low-Temperature | 144 | J/m | ASTM D 256 |
| Temperature | -20 | °C | - |

| Thermal properties | Value | Unit | Test Standard |
|---|-------|-------|----------------|
| ISO Data | | | |
| Coeff. of linear therm. expansion, normal | 70 | E-6/K | ISO 11359-1/-2 |
| ASTM Data | | | |
| UL 94 Flame rating | V-2 | - | UL 94 |
| Thickness tested | 1.6 | mm | - |
| DTUL @ 264 psi | 125 | °C | ASTM D 648 |
| Vicat Temperature | 147 | °C | ASTM D 1525 |

| Electrical properties | Value | Unit | Test Standard |
|-----------------------------|-------|-------|---------------|
| ISO Data | | | |
| Relative permittivity, 1MHz | 3 | - | IEC 62631-2-1 |
| Dissipation factor, 1MHz | 90 | E-4 | IEC 62631-2-1 |
| Volume resistivity | 1E12 | Ohm*m | IEC 62631-3-1 |
| Surface resistivity | 1E15 | Ohm | IEC 62631-3-2 |
| Electric strength | 25 | kV/mm | IEC 60243-1 |

| Other properties | Value | Unit | Test Standard |
|---------------------|-------|-------------------|----------------|
| Water absorption | 0.3 | % | Sim. to ISO 62 |
| Humidity absorption | 1.12 | % | Sim. to ISO 62 |
| Density | 1200 | kg/m ³ | ASTM D 792 |

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Applications

General Purpose