

NIBLAN V100

PBT

Soredi S.p.a.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|---|-------|-------------------|----------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 28 | g/10min | ASTM D 1238 |
| Temperature | 250 | °C | - |
| Load | 2.16 | kg | - |
| Mold Shrinkage, MD | 0.015 | mm/mm | ASTM D 955 |
| Mechanical properties | | | |
| ASTM Data | | | |
| Tensile Strength at Yield | 55 | MPa | ASTM D 638 |
| Flexural Modulus | 2500 | MPa | ASTM D 790 |
| Flexural Strength | 90 | MPa | ASTM D 790 |
| Rockwell Hardness | M 80 | - | ASTM D 785 |
| Izod Impact notched, 1/8 in | 38.4 | J/m | ASTM D 256 |
| Izod Impact notched, Low-Temperature | 33.6 | J/m | ASTM D 256 |
| Temperature | -22 | °C | - |
| Thermal properties | | | |
| ISO Data | | | |
| Coeff. of linear therm. expansion, normal | 70 | E-6/K | ISO 11359-1/-2 |
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| Thickness tested | 1.6 | mm | - |
| Electrical properties | | | |
| ISO Data | | | |
| Relative permittivity, 1MHz | 3.4 | - | IEC 62631-2-1 |
| Volume resistivity | >1E13 | Ohm*m | IEC 62631-3-1 |
| Surface resistivity | >1E15 | Ohm | IEC 62631-3-2 |
| Electric strength | 30 | kV/mm | IEC 60243-1 |
| Other properties | | | |
| Water Absorption, 24hr | 0.4 | % | ASTM D 570 |
| Density | 1310 | kg/m ³ | ASTM D 792 |

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Delivery form

Natural Color