

**PA ECOTAN B FL CB NAT**

PA6

Soredi S.p.a.

| <b>Processing/Physical Characteristics</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|--|--------------|-------------|----------------------|
| <b>ISO Data</b>                            |              |             |                      |
| Molding shrinkage, parallel                | 1.5          | %           | ISO 294-4, 2577      |

| <b>Mechanical properties</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|------------------------------|--------------|-------------|----------------------|
| <b>ASTM Data</b>             |              |             |                      |
| Tensile Strength at Break    | 75           | MPa         | ASTM D 638           |
| Flexural Modulus             | 2400         | MPa         | ASTM D 790           |
| Flexural Strength            | 100          | MPa         | ASTM D 790           |
| Izod Impact notched, 1/8 in  | 67.3         | J/m         | ASTM D 256           |

| <b>Thermal properties</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|---------------------------|--------------|-------------|----------------------|
| <b>ASTM Data</b>          |              |             |                      |
| UL 94 Flame rating        | HB           | -           | UL 94                |
| Thickness tested          | 1.6          | mm          | -                    |
| DTUL @ 264 psi            | 70           | °C          | ASTM D 648           |
| Vicat Temperature         | 190          | °C          | ASTM D 1525          |

| <b>Electrical properties</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|------------------------------|--------------|-------------|----------------------|
| <b>ISO Data</b>              |              |             |                      |
| Electric strength            | 18           | kV/mm       | IEC 60243-1          |
| Comparative tracking index   | 500          | -           | IEC 60112            |

| <b>Other properties</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------|--------------|-------------------|----------------------|
| Water Absorption, 24hr  | 10           | %                 | ASTM D 570           |
| Density                 | 1150         | kg/m <sup>3</sup> | ASTM D 792           |

**Characteristics****Delivery form**

Natural Color

**Regional Availability**

Europe