

**LATILUB 66-20T**

(PA66+PTFE)

LATI Industria Termoplastici 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                        | 1.4          | %                 | ISO 294-4, 2577      |
| Molding shrinkage, normal                          | 1.6          | %                 | ISO 294-4, 2577      |
| <b>Mechanical properties</b>                       |              |                   |                      |
| <b>ISO Data</b>                                    |              |                   |                      |
| Tensile Modulus                                    | 2800         | MPa               | ISO 527              |
| Yield stress                                       | 65           | MPa               | ISO 527              |
| Yield strain                                       | 9            | %                 | ISO 527              |
| Stress at break                                    | 65           | MPa               | ISO 527              |
| Strain at break                                    | 10           | %                 | ISO 527              |
| Charpy impact strength, +23°C                      | 55           | kJ/m <sup>2</sup> | ISO 179/1eU          |
| Charpy notched impact strength, +23°C              | 2.8          | kJ/m <sup>2</sup> | ISO 179/1eA          |
| <b>Thermal properties</b>                          |              |                   |                      |
| <b>ISO Data</b>                                    |              |                   |                      |
| Temp. of deflection under load, 1.80 MPa           | 100          | °C                | ISO 75-1/-2          |
| Temp. of deflection under load, 0.45 MPa           | 250          | °C                | ISO 75-1/-2          |
| Vicat softening temperature, B                     | 245          | °C                | ISO 306              |
| <b>Electrical properties</b>                       |              |                   |                      |
| <b>ASTM Data</b>                                   |              |                   |                      |
| Surface Resistivity                                | 1E12         | Ohm               | ASTM D 257           |
| <b>Other properties</b>                            |              |                   |                      |
| Density  | 1250         | kg/m <sup>3</sup> | ISO 1183             |
| <b>Processing Recommendation Injection Molding</b> |              |                   |                      |
| Pre-drying - Temperature                           | 90 - 100     | °C                | -                    |
| Pre-drying - Time                                  | 3            | h                 | -                    |
| Melt temperature                                   | 270 - 300    | °C                | -                    |
| Mold temperature                                   | 70 - 90      | °C                | -                    |

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Europe

**Additives**

Lubricants