

**Denistat N 00U 05 ST**

PA6

VAMP TECH SPA

| <b>Mechanical properties</b>                       | <b>Value</b>  | <b>Unit</b>       | <b>Test Standard</b> |
|--|---------------|-------------------|----------------------|
| <b>ISO Data</b>                                    |               |                   |                      |
| Izod impact strength, +23°C                        | <b>45</b>     | kJ/m <sup>2</sup> | ISO 180/1U           |
| Izod notched impact strength, +23°C                | <b>18</b>     | kJ/m <sup>2</sup> | ISO 180/1A           |
| <b>ASTM Data</b>                                   |               |                   |                      |
| Tensile Modulus                                    | <b>2800</b>   | MPa               | ASTM D 638           |
| Tensile Strength at Yield                          | <b>40</b>     | MPa               | ASTM D 638           |
| Elongation at Break                                | <b>8</b>      | %                 | ASTM D 638           |
| <b>Thermal properties</b>                          |               |                   |                      |
| <b>ASTM Data</b>                                   |               |                   |                      |
| DTUL @ 264 psi                                     | <b>90</b>     | °C                | ASTM D 648           |
| <b>Electrical properties</b>                       |               |                   |                      |
| <b>ASTM Data</b>                                   |               |                   |                      |
| Surface Resistivity                                | <b>100000</b> | Ohm               | ASTM D 257           |
| <b>Other properties</b>                            |               |                   |                      |
| Density  | <b>1080</b>   | kg/m <sup>3</sup> | ASTM D 792           |
| <b>Processing Recommendation Injection Molding</b> |               |                   |                      |
| Pre-drying - Temperature                           | <b>80</b>     | °C                | -                    |
| Pre-drying - Time                                  | <b>3</b>      | h                 | -                    |
| Melt temperature                                   | <b>250</b>    | °C                | -                    |
| Mold temperature                                   | <b>70</b>     | °C                | -                    |

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Europe

**Special Characteristics**Increased electrical conductivity, Anti-static, Flame retardant,  
High impact or impact modified