

**Denilub Y 50G 0Mo**

PA66-(GF+Z)50

VAMP TECH SPA

| Processing/Physical Characteristics | Value | Unit  | Test Standard |
|-------------------------------------|-------|-------|---------------|
| <b>ASTM Data</b>                    |       |       |               |
| Mold Shrinkage, MD                  | 0.003 | mm/mm | ASTM D 955    |
| Mold Shrinkage, TD                  | 0.005 | mm/mm | ASTM D 955    |

| Mechanical properties               | Value | Unit              | Test Standard |
|-------------------------------------|-------|-------------------|---------------|
| <b>ISO Data</b>                     |       |                   |               |
| Izod impact strength, +23°C         | 60    | kJ/m <sup>2</sup> | ISO 180/1U    |
| Izod notched impact strength, +23°C | 11    | kJ/m <sup>2</sup> | ISO 180/1A    |
| <b>ASTM Data</b>                    |       |                   |               |
| Tensile Modulus                     | 21000 | MPa               | ASTM D 638    |
| Tensile Strength at Yield           | 240   | MPa               | ASTM D 638    |
| Elongation at Break                 | 2.1   | %                 | ASTM D 638    |

| Thermal properties | Value | Unit | Test Standard |
|--------------------|-------|------|---------------|
| <b>ASTM Data</b>   |       |      |               |
| DTUL @ 264 psi     | 256   | °C   | ASTM D 648    |
| Vicat Temperature  | 254   | °C   | ASTM D 1525   |

| Other properties | Value | Unit              | Test Standard |
|------------------|-------|-------------------|---------------|
| Density          | 1600  | kg/m <sup>3</sup> | ASTM D 792    |

**Characteristics****Additives**

Lubricants

**Regional Availability**

Europe

**Special Characteristics**

Flame retardant