

**Vampter 1026 V0**

PBT-GF10

VAMP TECH SPA

| Processing/Physical Characteristics | Value | Unit  | Test Standard |
|-------------------------------------|-------|-------|---------------|
| <b>ASTM Data</b>                    |       |       |               |
| Mold Shrinkage, MD                  | 0.006 | mm/mm | ASTM D 955    |
| Mold Shrinkage, TD                  | 0.009 | mm/mm | ASTM D 955    |

| Mechanical properties               | Value | Unit              | Test Standard |
|-------------------------------------|-------|-------------------|---------------|
| <b>ISO Data</b>                     |       |                   |               |
| Izod impact strength, +23°C         | 30    | kJ/m <sup>2</sup> | ISO 180/1U    |
| Izod notched impact strength, +23°C | 5     | kJ/m <sup>2</sup> | ISO 180/1A    |
| <b>ASTM Data</b>                    |       |                   |               |
| Tensile Modulus                     | 4500  | MPa               | ASTM D 638    |
| Tensile Strength at Yield           | 80    | MPa               | ASTM D 638    |
| Elongation at Break                 | 2.5   | %                 | ASTM D 638    |

| Thermal properties                    | Value | Unit  | Test Standard   |
|---------------------------------------|-------|-------|-----------------|
| <b>ISO Data</b>                       |       |       |                 |
| Burning behav. at 1.5 mm nom. thickn. | V-0   | class | IEC 60695-11-10 |
| Thickness tested                      | 1.6   | mm    | -               |
| Burning behav. at thickness h         | V-0   | class | IEC 60695-11-10 |
| Thickness tested                      | 3.2   | mm    | -               |
| <b>ASTM Data</b>                      |       |       |                 |
| DTUL @ 264 psi                        | 200   | °C    | ASTM D 648      |
| Vicat Temperature                     | 205   | °C    | ASTM D 1525     |

| Other properties | Value | Unit              | Test Standard |
|------------------|-------|-------------------|---------------|
| Density          | 1510  | kg/m <sup>3</sup> | ASTM D 792    |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---------------------------------------------|-------|------|---------------|
| Pre-drying - Temperature                    | 110   | °C   | -             |
| Pre-drying - Time                           | 3     | h    | -             |
| Melt temperature                            | 250   | °C   | -             |
| Mold temperature                            | 90    | °C   | -             |

**Characteristics****Processing**

Injection Molding

**Certifications**

RoHS compliant

**Special Characteristics**

Flame retardant

**Regional Availability**

Europe