

Vamporan 0024 V1 13

PPO

VAMP TECH SPA

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------------|--------------|-------------------|----------------------|
| ISO Data | | | |
| Izod impact strength, +23°C | 65 | kJ/m ² | ISO 180/1U |
| Izod notched impact strength, +23°C | 8 | kJ/m ² | ISO 180/1A |
| ASTM Data | | | |
| Tensile Modulus | 2500 | MPa | ASTM D 638 |
| Tensile Strength at Yield | 45 | MPa | ASTM D 638 |
| Elongation at Break | 20 | % | ASTM D 638 |

| Thermal properties | Value | Unit | Test Standard |
|---------------------------------------|--------------|-------------|----------------------|
| ISO Data | | | |
| Burning behav. at 1.5 mm nom. thickn. | V-1 | class | IEC 60695-11-10 |
| Thickness tested | 1.6 | mm | - |
| Burning behav. at thickness h | V-1 | class | IEC 60695-11-10 |
| Thickness tested | 3.2 | mm | - |
| ASTM Data | | | |
| DTUL @ 264 psi | 105 | °C | ASTM D 648 |
| Vicat Temperature | 130 | °C | ASTM D 1525 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1150 | kg/m ³ | ASTM D 792 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| Pre-drying - Temperature | 90 | °C | - |
| Pre-drying - Time | 3 | h | - |
| Melt temperature | 290 | °C | - |
| Mold temperature | 90 | °C | - |

Characteristics**Processing**

Injection Molding

Special Characteristics

Flame retardant, Halogen-free

Features

Amorphous

Certifications

RoHS compliant

Regional Availability

Europe