

Vampeek A 1510

PEEK-GF15

VAMP TECH SPA

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|-------|---------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.004 | mm/mm | ASTM D 955 |
| Mold Shrinkage, TD | 0.008 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Izod impact strength, +23°C | 60 | kJ/m ² | ISO 180/1U |
| Izod notched impact strength, +23°C | 8 | kJ/m ² | ISO 180/1A |
| ASTM Data | | | |
| Tensile Modulus | 7000 | MPa | ASTM D 638 |
| Tensile Strength at Yield | 120 | MPa | ASTM D 638 |
| Elongation at Break | 4 | % | ASTM D 638 |

| Thermal properties | Value | Unit | Test Standard |
|---------------------------------------|-------|-------|-----------------|
| ISO Data | | | |
| 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 | - |
| ASTM Data | | | |
| DTUL @ 264 psi | 320 | °C | ASTM D 648 |
| Vicat Temperature | 335 | °C | ASTM D 1525 |

| Electrical properties | Value | Unit | Test Standard |
|----------------------------|-------|------|---------------|
| ISO Data | | | |
| Comparative tracking index | 200 | - | IEC 60112 |
| ASTM Data | | | |
| Surface Resistivity | 1E14 | Ohm | ASTM D 257 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 1380 | kg/m ³ | ASTM D 792 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|-------|------|---------------|
| Pre-drying - Temperature | 120 | °C | - |
| Pre-drying - Time | 3 | h | - |
| Melt temperature | 390 | °C | - |
| Mold temperature | 180 | °C | - |

Characteristics**Processing**

Injection Molding

Certifications

RoHS compliant

Special Characteristics

Flame retardant, Halogen-free, Phosphorus-free

Regional Availability

Europe