

**Vampamid 66 5030 V0 P**

PA66-GF50

VAMP TECH SPA

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.002</b>	mm/mm	ASTM D 955
Mold Shrinkage, TD	<b>0.005</b>	mm/mm	ASTM D 955
<b>Mechanical properties</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>8</b>	kJ/m <sup>2</sup>	ISO 180/1A
<b>ASTM Data</b>			
Tensile Modulus	<b>15000</b>	MPa	ASTM D 638
Tensile Strength at Yield	<b>180</b>	MPa	ASTM D 638
Elongation at Break	<b>2</b>	%	ASTM D 638
Flexural Modulus	<b>15000</b>	MPa	ASTM D 790
Flexural Strength	<b>285</b>	MPa	ASTM D 790
<b>Thermal properties</b>			
<b>ISO Data</b>			
Burning behav. at 1.5 mm nom. thickn. Thickness tested	<b>V-0</b> <b>1.6</b>	class mm	IEC 60695-11-10 -
Burning behav. at thickness h Thickness tested	<b>V-0</b> <b>0.8</b>	class mm	IEC 60695-11-10 -
<b>ASTM Data</b>			
DTUL @ 264 psi	<b>250</b>	°C	ASTM D 648
Vicat Temperature	<b>250</b>	°C	ASTM D 1525
<b>Electrical properties</b>			
<b>ISO Data</b>			
Comparative tracking index	<b>600</b>	-	IEC 60112
<b>Other properties</b>			
Density	<b>1610</b>	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	<b>90</b>	°C	-
Pre-drying - Time	<b>3</b>	h	-
Melt temperature	<b>275</b>	°C	-
Mold temperature	<b>100</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Certifications**

RoHS compliant

**Special Characteristics**

Flame retardant

**Regional Availability**

Europe