

**Vampcarb 1028 V0**

PC-GF10

VAMP TECH SPA

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.006	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Izod impact strength, +23°C	50	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	9	kJ/m <sup>2</sup>	ISO 180/1A
<b>ASTM Data</b>			
Tensile Modulus	3800	MPa	ASTM D 638
Tensile Strength at Yield	65	MPa	ASTM D 638
Elongation at Break	3.5	%	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	120	°C	ASTM D 648
Vicat Temperature	135	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1250	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	100	°C	-
Pre-drying - Time	3	h	-
Melt temperature	290	°C	-
Mold temperature	110	°C	-

**Characteristics****Processing**

Injection Molding

**Certifications**

RoHS compliant

**Special Characteristics**

Flame retardant, Halogen-free

**Regional Availability**

Europe

**Features**

Amorphous