

Vampeek A 5010

PEEK-GF50

VAMP TECH SPA

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.001	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.004	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Izod impact strength, +23°C	50	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	7	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Modulus	17000	MPa	ASTM D 638
Tensile Strength at Yield	175	MPa	ASTM D 638
Elongation at Break	1.6	%	ASTM D 638
Thermal properties			
ISO Data			
Burning behav. at 1.5 mm nom. thickn. Thickness tested	V-0 1.6	class mm	IEC 60695-11-10 -
Burning behav. at thickness h Thickness tested	V-0 3.2	class mm	IEC 60695-11-10 -
ASTM Data			
DTUL @ 264 psi	330	°C	ASTM D 648
Vicat Temperature	335	°C	ASTM D 1525
Electrical properties			
ISO Data			
Comparative tracking index	200	-	IEC 60112
ASTM Data			
Surface Resistivity	1E14	Ohm	ASTM D 257
Other properties			
Density	1670	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
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