

Vampalloy 0024 V0 11

(PC+ABS)

VAMP TECH SPA

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

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Izod impact strength, +23°C	N	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	25	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Modulus	2500	MPa	ASTM D 638
Tensile Strength at Yield	50	MPa	ASTM D 638
Elongation at Break	50	%	ASTM D 638
Flexural Modulus	2700	MPa	ASTM D 790
Flexural Strength	95	MPa	ASTM D 790

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at 1.5 mm nom. thickn. Thickness tested	V-0	class mm	IEC 60695-11-10 -
Burning behav. at thickness h Thickness tested	V-0	class mm	IEC 60695-11-10 -
ASTM Data			
DTUL @ 264 psi	80	°C	ASTM D 648
Vicat Temperature	110	°C	ASTM D 1525

Electrical properties	Value	Unit	Test Standard
ISO Data			
Comparative tracking index	250	-	IEC 60112

Other properties	Value	Unit	Test Standard
Density	1180	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	70	°C	-
Pre-drying - Time	3	h	-
Melt temperature	260	°C	-
Mold temperature	70	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Flame retardant

Features

Amorphous

Chemical Resistance

General Chemical Resistance

Certifications

RoHS compliant

Regional Availability

Europe