

Vampsab 0023 V0

ABS

VAMP TECH SPA

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.008	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.009	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Izod impact strength, +23°C	40	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	11	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Modulus	2300	MPa	ASTM D 638
Tensile Strength at Yield	35	MPa	ASTM D 638
Elongation at Break	10	%	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	-
Burning behav. 5V at thickness h	5VA	class	IEC 60695-11-20
Thickness tested	1.6	mm	-
ASTM Data			
DTUL @ 264 psi	75	°C	ASTM D 648
Vicat Temperature	90	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1170	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	60	°C	-
Pre-drying - Time	3	h	-
Melt temperature	200	°C	-
Mold temperature	50	°C	-

Characteristics**Processing**

Injection Molding

Certifications

RoHS compliant

Special Characteristics

Flame retardant, High impact or impact modified, U.V. stabilized or stable to weather

Regional Availability

Europe

Features

Amorphous