

Vampsab 0023 V0 H

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	50	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	15	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Modulus	2100	MPa	ASTM D 638
Tensile Strength at Yield	30	MPa	ASTM D 638
Elongation at Break	5	%	ASTM D 638
Flexural Modulus	2200	MPa	ASTM D 790
Flexural Strength	63	MPa	ASTM D 790

Thermal properties	Value	Unit	Test Standard
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 -
Burning behav. 5V at thickness h Thickness tested	5VB 1.6	class mm	IEC 60695-11-20 -
ASTM Data			
DTUL @ 264 psi	65	°C	ASTM D 648
Vicat Temperature	80	°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

Special Characteristics

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

Features

Amorphous

Certifications

RoHS compliant

Regional Availability

Europe