

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
Density, 73°F	1170	kg/m³	ASTM D 792

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Notched Impact Strength (Izod), 23°C	15	kJ/m²	ISO 180/1A
Impact Strength (Izod), 23°C	50	kJ/m²	ISO 180/1U
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.	V-0	class	UL 94
Thickness tested	1.6	mm	-
Burning Behav. at thickness h	V-0	class	UL 94
Thickness tested	3.2	mm	-
Burning Behav. 5V at Thickness h	5VB	class	IEC 60695-11-20
Thickness tested	1.6	mm	-
ASTM Data			
DTUL @ 264 psi	65	°C	ASTM D 648
Vicat Temperature	80	°C	ASTM D 1525

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

Features

Amorphous

Special Characteristics

Flame retardant, Impact modified, UV stablized

Disclaimer

Liability Exclusion

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- any critical component in any medical device that supports or sustains human life.

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