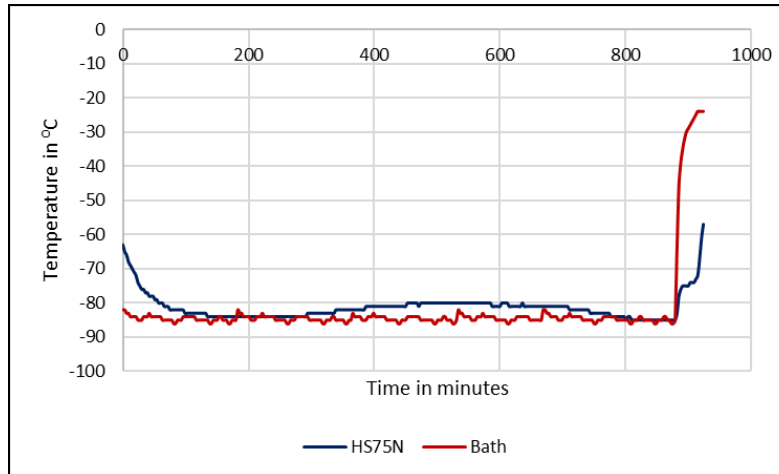


TECHNICAL DATA SHEET OF savE® HS75N

Technical Specification:

Product	:	savE® HS 75N
Description	:	Inorganic Phase Change material
Appearance	:	Slight yellowish translucent liquid

Phase Transition Temperature Range and Stored Thermal Energy*



Temperature vs Time Curve

Property	Value**	Test Method	Test Conditions (if any)
Phase Transition Temperature			
Melting	-75 °C	PLUSS® T-History	@ -20 °C Air Bath
Freezing	-80 °C	PLUSS® T-History	@ -85 °C Air Bath
Nucleation temperature	-85 °C	PLUSS® T-History	@ -85 °C Air Bath
Latent Heat/Enthalpy			
Liquid	209 kJ/kg	PLUSS® Object testing method	
Density			
Liquid	1186 kg/m ³	ASTM D891-95	@ 25 °C
Specific Heat			
Liquid	NA kJ/kgK	PLUSS® T-History	@ 25 °C
Thermal Conductivity			
Liquid	0.60 W/mK	KD2Pro	@ 25 °C
Cycling stability	100	PLUSS® Internal	-80 °C to 30 °C
Maximum Operating Temperature	80 °C		
Flammability	No		
Flash Point	NA		

* Determined by T-history

**Nominal Valu[es. Actual values mentioned in test certificate.

Compatibility data available on request.

PCM is available in bulk, pouches or in containers of choice (Refer to Document **301_PCM Encapsulation**).

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