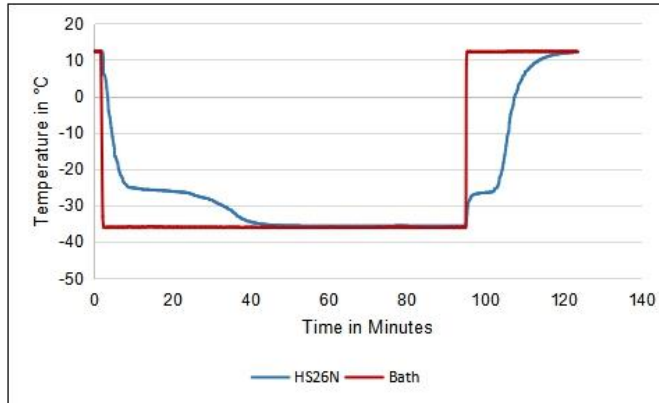


TECHNICAL DATA SHEET OF savE® HS26N

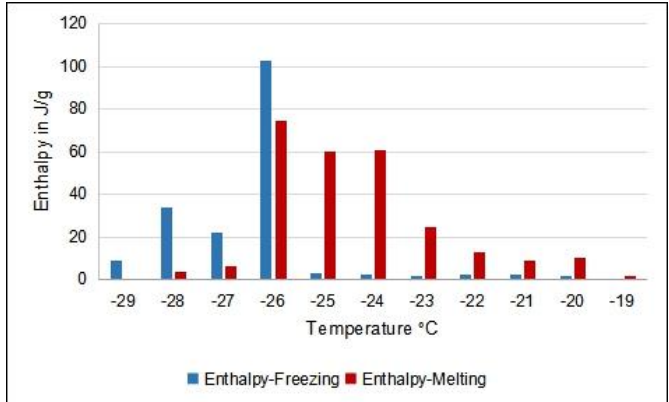
Technical specification:

Product	:	savE® HS26N
Description	:	Inorganic phase change material
Appearance	:	Bluish colored liquid with white sediment @25 °C

Phase transition temperature range and stored thermal energy*



Temperature vs time curve



Enthalpy vs temperature curve

Property	Value**	Test method	Test conditions (if any)
Phase transition temperature			
Melting	-26 °C	PLUSS® T-History	@ -16 °C Liquid bath
Freezing	-26 °C	PLUSS® T-History	@ -36 °C Liquid bath
Nucleation temperature	-26 °C	PLUSS® T-History	@ -36 °C Liquid bath
Latent heat/enthalpy			
Liquid	264 kJ/kg	PLUSS® T-History	@ -29 to -19 °C
Solid	182 kJ/kg	PLUSS® T-History	@ -19 to -29 °C
Density			
Liquid	1200 kg/m ³	ASTM D891-95	@ 30 °C
Solid	1122 kg/m ³	ASTM D891-95	@ -40 °C
Specific heat			
Liquid	3.6 kJ/kgK	PLUSS® T-History	@ 30 °C
Solid	1.7 kJ/kgK	PLUSS® T-History	@ -30 °C
Thermal conductivity			
Liquid	NA		
Solid			
Number of cycles tested	~2000	PLUSS® Internal	
Maximum operating temperature	90 °C		
Flammability	No		

* 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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