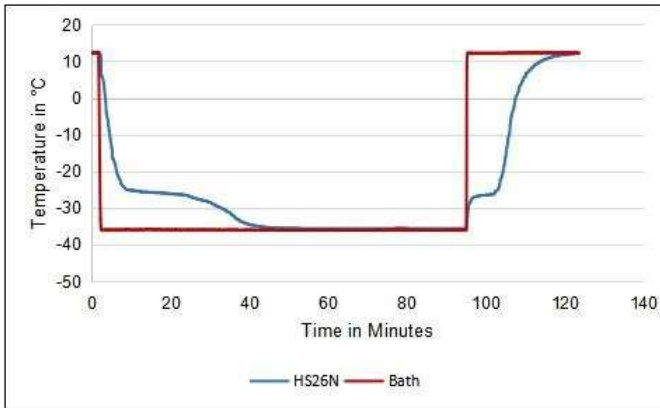


TECHNICAL SPECIFICATION

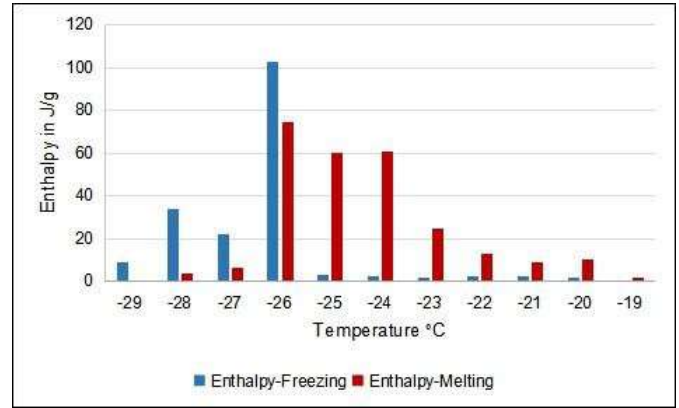
Product: PCM-HS26N
Description: Inorganic phase change material
Appearance: Bluish liquid with white sediment @25°C

T-HISTORY TEST

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	T-History	@ -16°C Liquid bath
Freezing	-26°C	T-History	@ -36°C Liquid bath
Nucleation temperature	-26°C	T-History	@ -36°C Liquid bath
Latent heat			
Melting	264 kJ/kg	T-History	@ -29 to -19 °C
Freezing	182 kJ/kg	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	T-History	@ 30 °C
Solid	1.7 kJ/kgK	T-History	@ -30 °C
Thermal conductivity			
Liquid	N/A		
Solid			
Number of cycles tested	~2000	Internal	
Maximum operating temperature	90 °C		
Flammability	No		

* Determined by T-history

**Nominal Values. Actual values mentioned in batch test certificate.