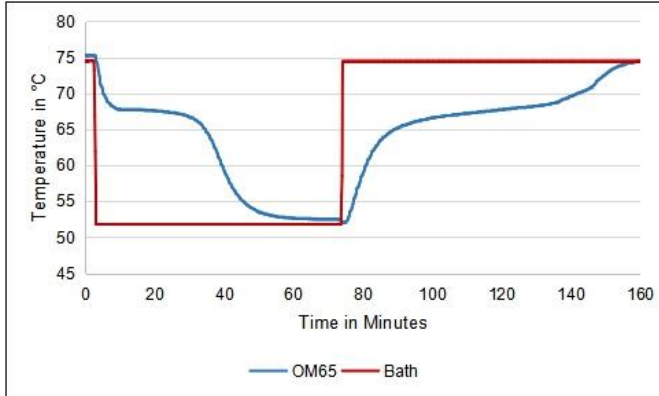


TECHNICAL DATA SHEET OF savE® OM65

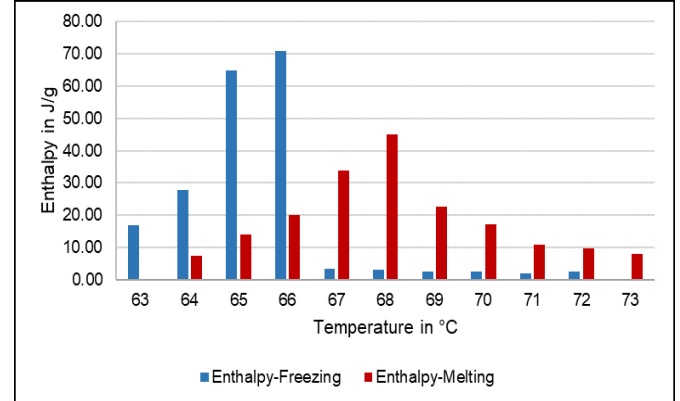
Technical specification:

Product	:	savE® OM65
Description	:	Organic phase change material
Appearance	:	White waxy Solid @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	67 °C	PLUSS® T-History	@ 75 °C Air bath
Freezing	66 °C	PLUSS® T-History	@ 55 °C Liquid bath
Latent heat/enthalpy			
Melting	188 kJ/kg	PLUSS® T-History	@ 63 to 73 °C
Freezing	196 kJ/kg	PLUSS® T-History	@ 72 to 63 °C
Density			
Liquid	847 kg/m ³	ASTM D891-95	@ 75 °C
Solid	924 kg/m ³	ASTM D891-95	@ 30 °C
Specific heat			
Liquid	3.32 kJ/kgK	PLUSS® T-History	@ 70 °C
Solid	3.48 kJ/kgK	PLUSS® T-History	@ 55 °C
Thermal conductivity			
Liquid	0.13 W/mK	KD2Pro	@ 71 °C
Solid	0.19 W/mK	KD2Pro	@ 30 °C
Number of cycles tested	~2000	PLUSS® Internal	
Maximum operating temperature	90 °C		
Flammability	Yes		
Flash Point	200 °C		

* 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](#)).

Pluss Advanced Technologies Pvt. Ltd.
B-205, Tower B – Pioneer Urban Square, Sec 62, Gurugram-122101, Haryana, India
Telephone: +91 - 124 - 4309490/91/92
E-mail: info@pluss.co.in | Web: www.pluss.co

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