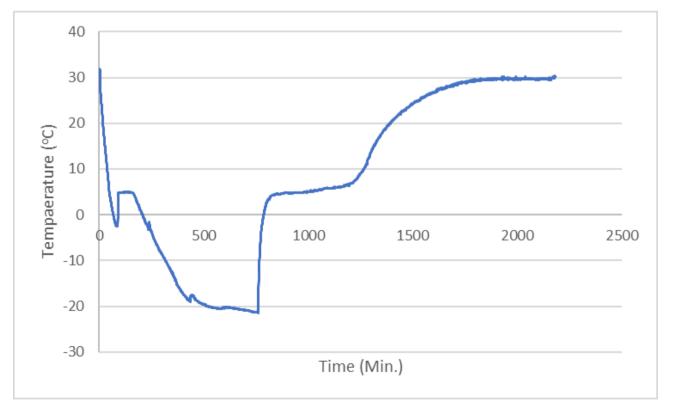


DATA SHEET OF TN +5 PCM

Technical Parameters

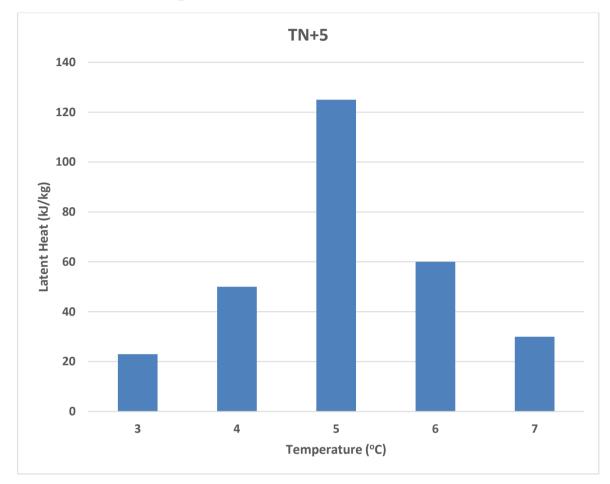
Design Parameter	Value	Unit
Melting Point	+5	٥C
Latent Heat	288	kJ/kg
	979 (solid)	
Density	993 (liquid)	kg/m ³
	1.8 (solid)	
Specific Heat	0.77 (liquid)	kJ/Kg.K
	1.82 (solid)	
Thermal Conductivity	0.51 (liquid)	W/mK
Max Operating Temperature	100	٥C
Safety	Non-Toxic, Safe to Handle	
Material	Salt Hydrate	

Temperature Curve



CIN: U74999TN2019PTC126786

No. 1/52, Ponniamman Koil Street, Moulivakkam, Kundrathur Taluk Chennai – 600125, Tamil Nadu info@tan90thermal.com +91 9566107420; +91 9043896775 www.tan90thermal.com



Latent Heat VS Temperature

The information given here is based on the tests carried out in our laboratories. The user must test the material before using to ensure the suitability of the materials based on their own applications. The specifications define the bounds of our commitment. This data sheet is subject to change without notice. Our PCM is available in bulk, pouches or in containers of choice.

No. 1/52, Ponniamman Koil Street, Moulivakkam, Kundrathur Taluk Chennai – 600125, Tamil Nadu info@tan90thermal.com +91 9566107420; +91 9043896775 www.tan90thermal.com