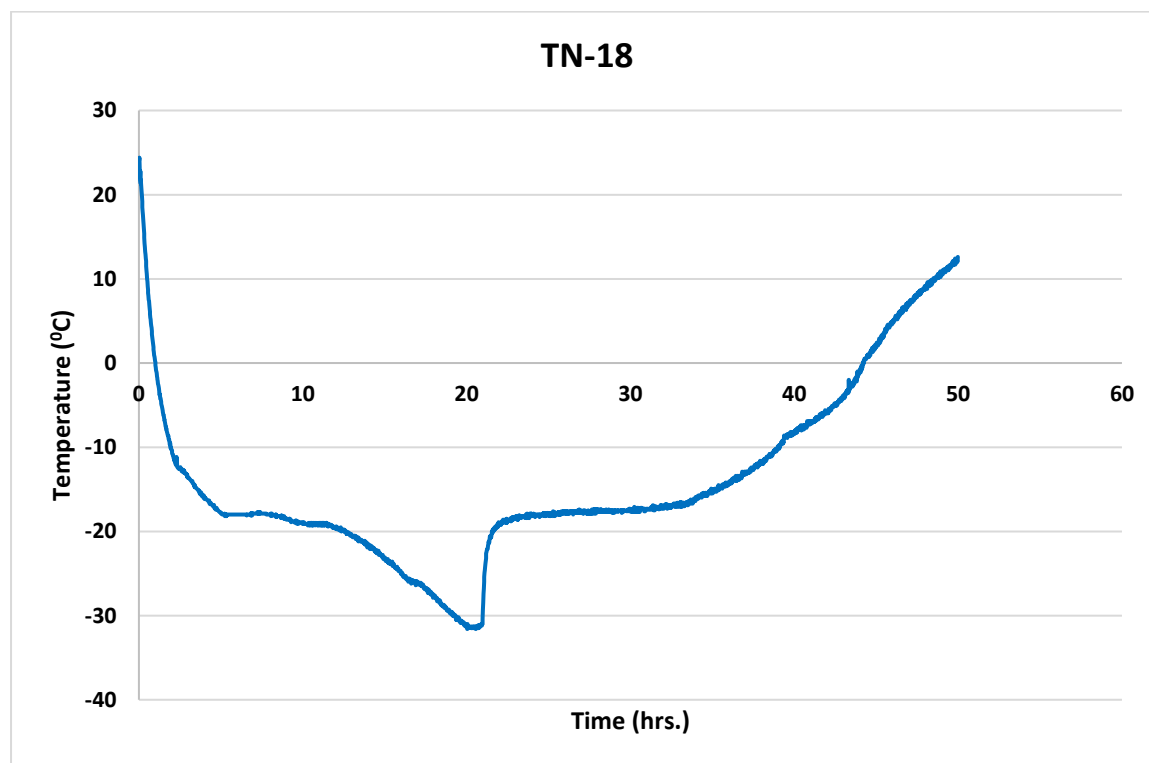


DATA SHEET OF TN -18 PCM

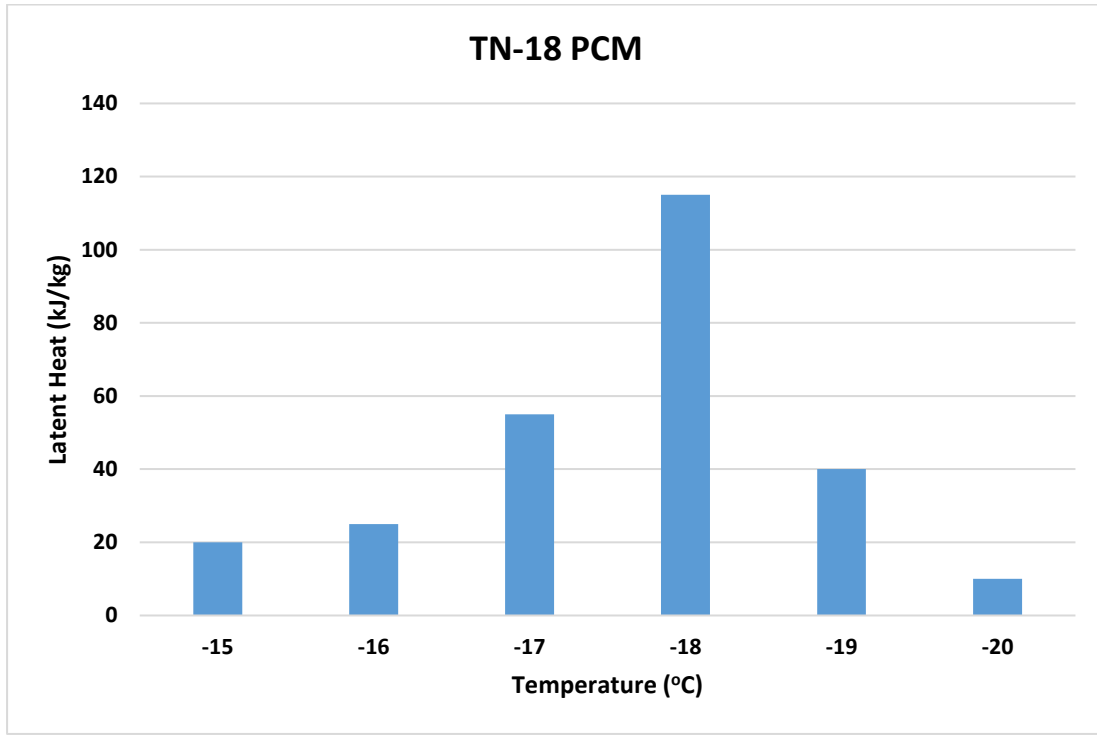
Technical Parameters

Design Parameter	Value	Unit
Melting Point	-18	°C
Latent Heat	265	kJ/kg
Density	1082 (solid) 1097 (liquid)	kg/m ³
Specific Heat	3.85 (solid) 3.48 (liquid)	kJ/kg.K
Thermal Conductivity	2.78 (solid) 0.479 (liquid)	W/mK
Max Operating Temperature	90	°C
Safety	Non-Toxic, Safe to Handle	
Material	Salt Hydrate	
Flammability	NO	

Temperature Curve



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.