

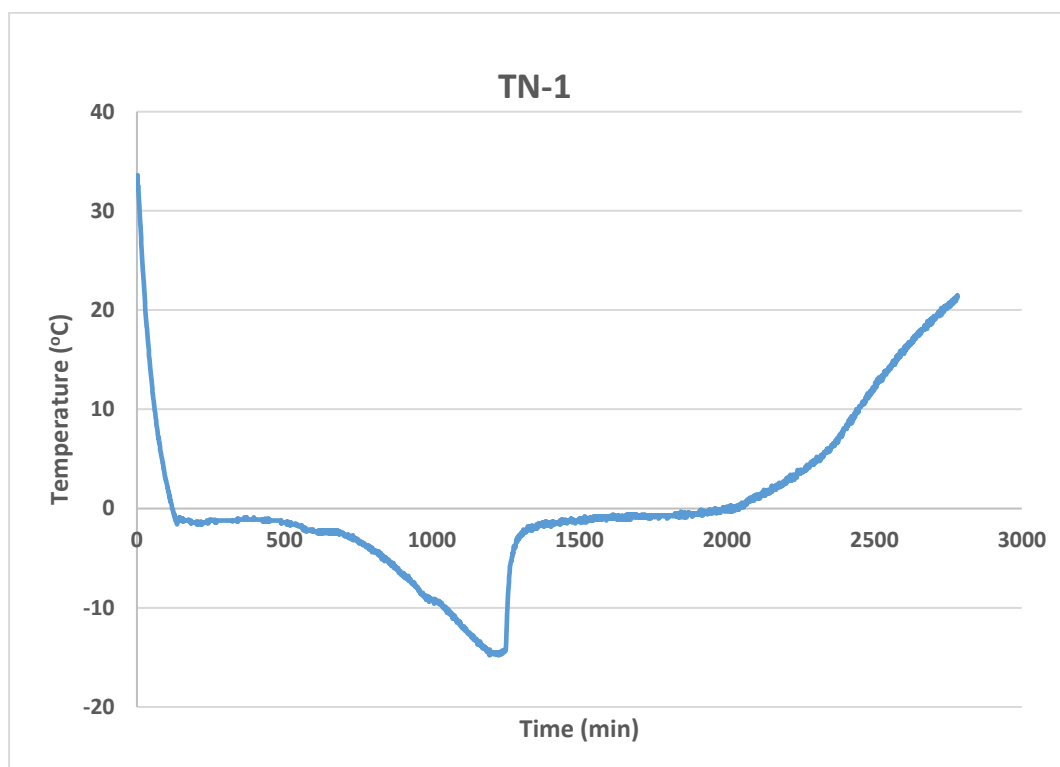


DATA SHEET OF TN -1 PCM

Technical Parameters

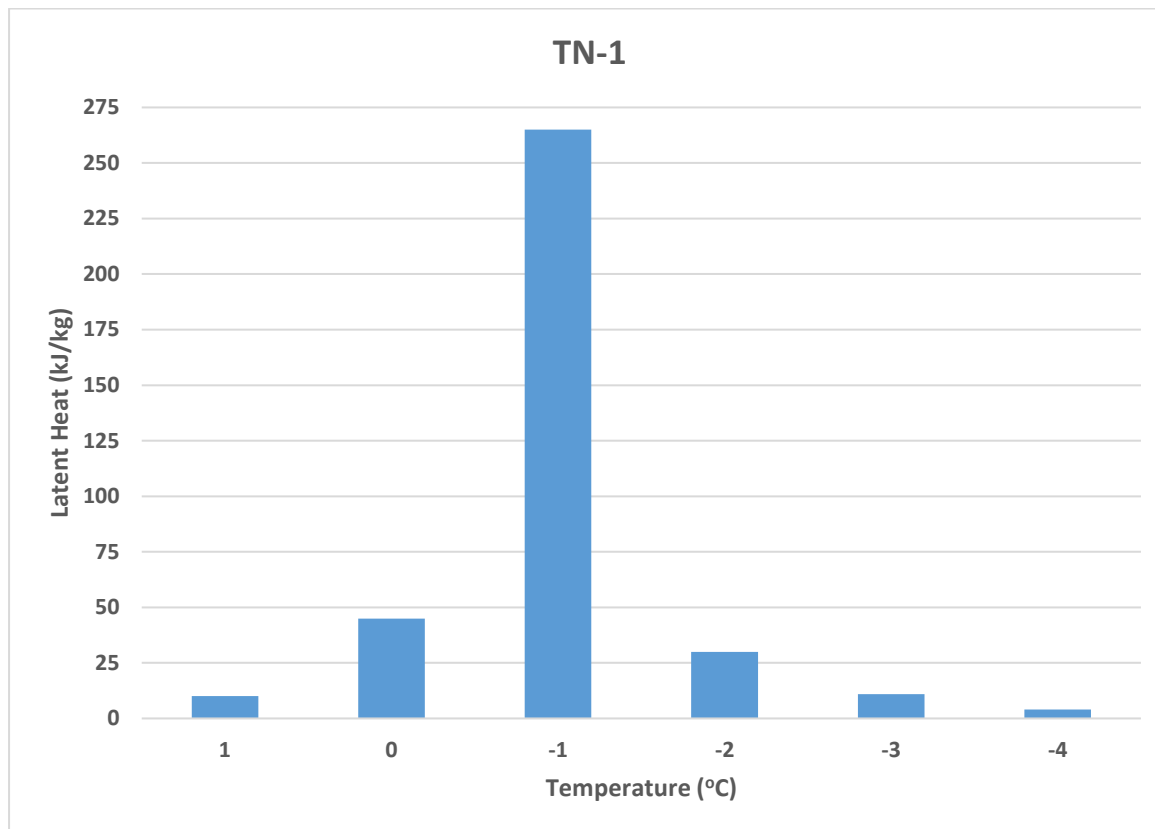
Design Parameter	Value	Unit
Melting Point	-1	°C
Latent Heat	365	kJ/kg
Density	927 (solid) 1012 (liquid)	kg/m ³
Specific Heat	1.98 (solid) 3.96 (liquid)	kJ/Kg.K
Thermal Conductivity	2.19 (solid) 0.56 (liquid)	W/mK
Max Operating Temperature	100	°C
Safety	Non-Toxic, Safe to Handle	
Material	Salt Hydrate	
Flammability	NO	

Temperature Curve





Enthalpy vs. Temperature Chart



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.