

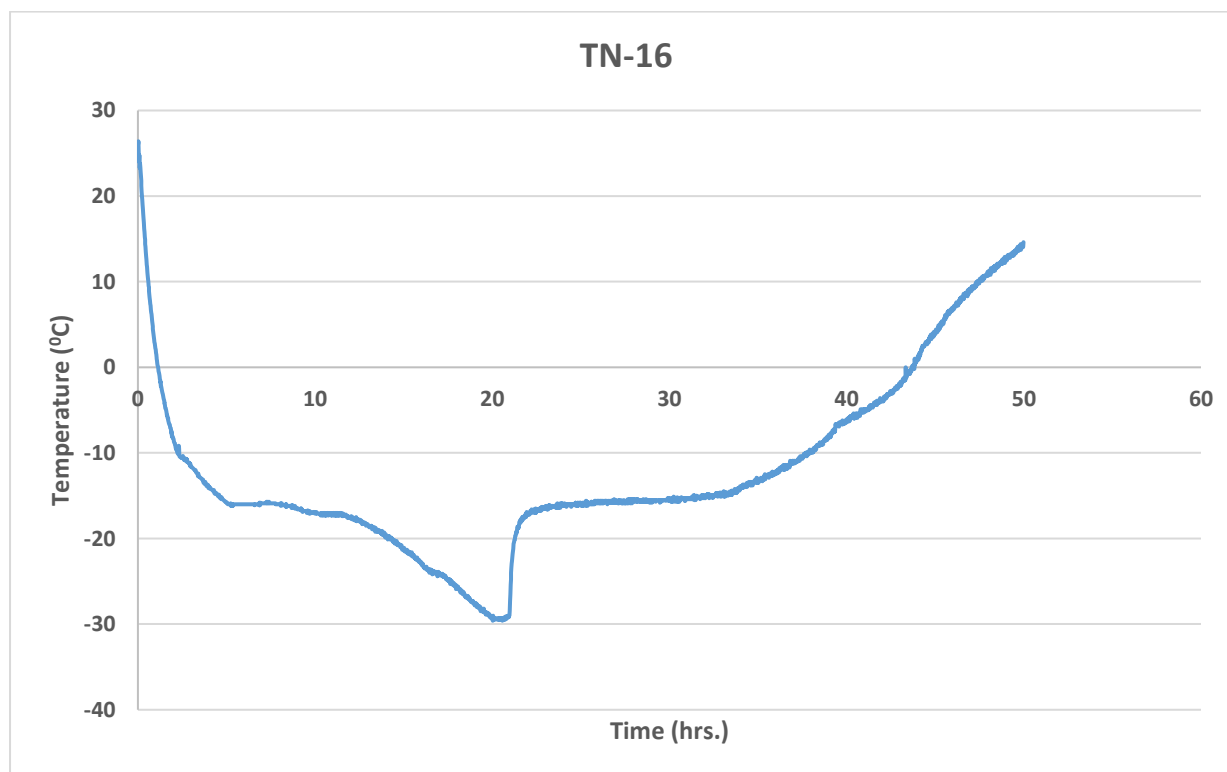


DATA SHEET OF TN -16 PCM

Technical Parameters

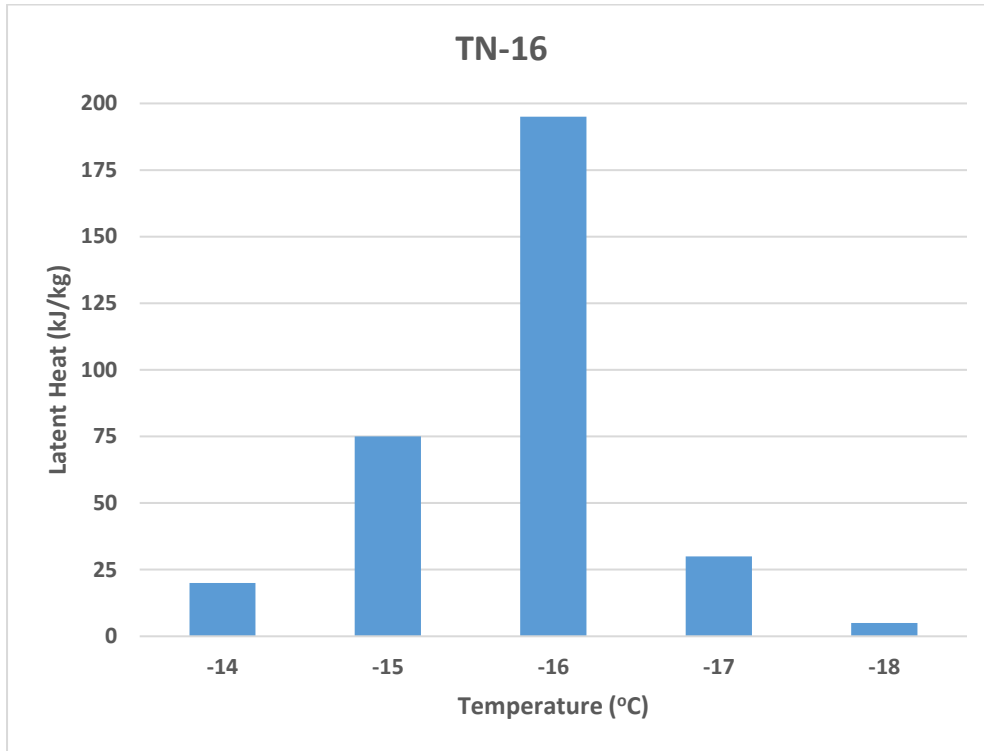
| Design Parameter | Value | Unit |
|---------------------------|--------------------------------|-------------------|
| Melting Point | -16 | °C |
| Latent Heat | 325 | kJ/kg |
| Density | 1072 (solid) 1143 (liquid) | kg/m ³ |
| Specific Heat | 1.9 (solid) 3.4 (liquid) | kJ/Kg.K |
| Thermal Conductivity | 2.78 (solid) 0.479 (liquid) | W/mK |
| Max Operating Temperature | 80 | °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.