

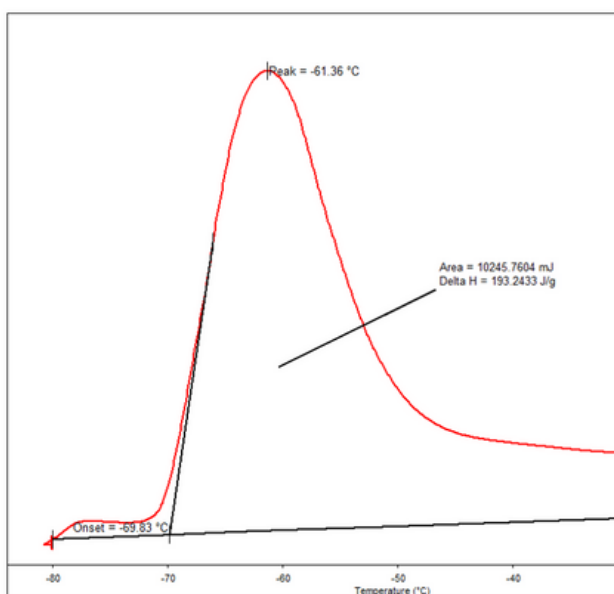


DURATEMP™ -70C PCM

Phase Change Material

DSC Analysis

DuraTemp™ -70C



APPLICATIONS

- i. ULT Freezer Backup
- ii. ULT Cold chain
- iii. Transportation
- iv. 100's of other

KEY FEATURES

- High Energy
- Durable to over 3000+ Cycles
- Non Flammable Inorganic

PERFORMANCE DATA

Melt Point	-70
Heat Storage Capacity	193
Specific Heat Liquid	2.9
Specific Heat Solid	3.1
Density Solid	1.7
Density Liquid	1.6
Volume Expansion	0.9
Heat Conductivity Liquid	0.5
Heat Conductivity Solid	2.1
Supercooling	<.05