

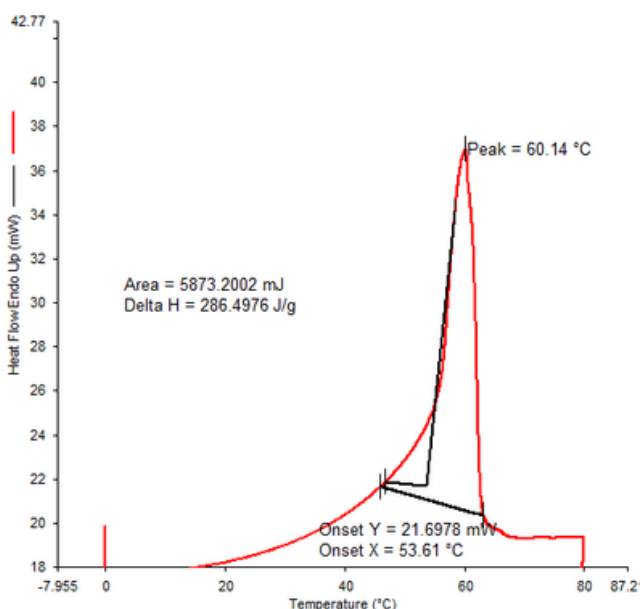


DURATEMP™ 53C PCM

Phase Change Material

DSC Analysis

DuraTemp™ 53C



APPLICATIONS

- i. Thermal energy storage
- ii. Cold chain
- iii. Transportation
- iv. Building products
- v. 100's of other

KEY FEATURES

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

PERFORMANCE DATA

Melt Point	53
Heat Storage Capacity	285
Specific Heat Liquid	2.9
Specific Heat Solid	2.1
Density Solid	1.48
Density Liquid	1.4
Volume Expansion	5.7%
Heat Conductivity Liquid	0.51
Heat Conductivity Solid	0.62
Supercooling	<.05