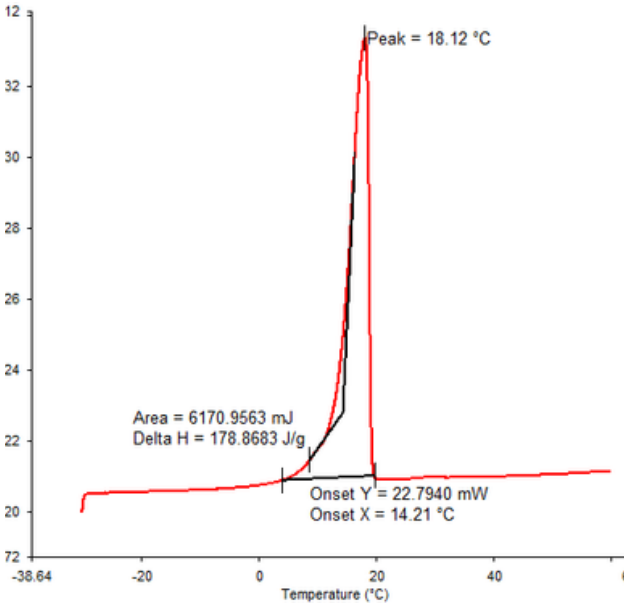
DURATEMP™ 14C PCM
Phase Change Material

DSC Analysis
DuraTemp™ 14C



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	14 C°
Heat Storage Capacity	165 j/g
Specific Heat Liquid	2.7 J/gK°
Specific Heat Solid	2.1 J/gK°
Density Solid	1.73
Density Liquid	1.67
Volume Expansion	3.6%
Heat Conductivity Liquid	0.61 W/mK°
Heat Conductivity Solid	1.19 W/mK°
Supercooling	<0.5 C°

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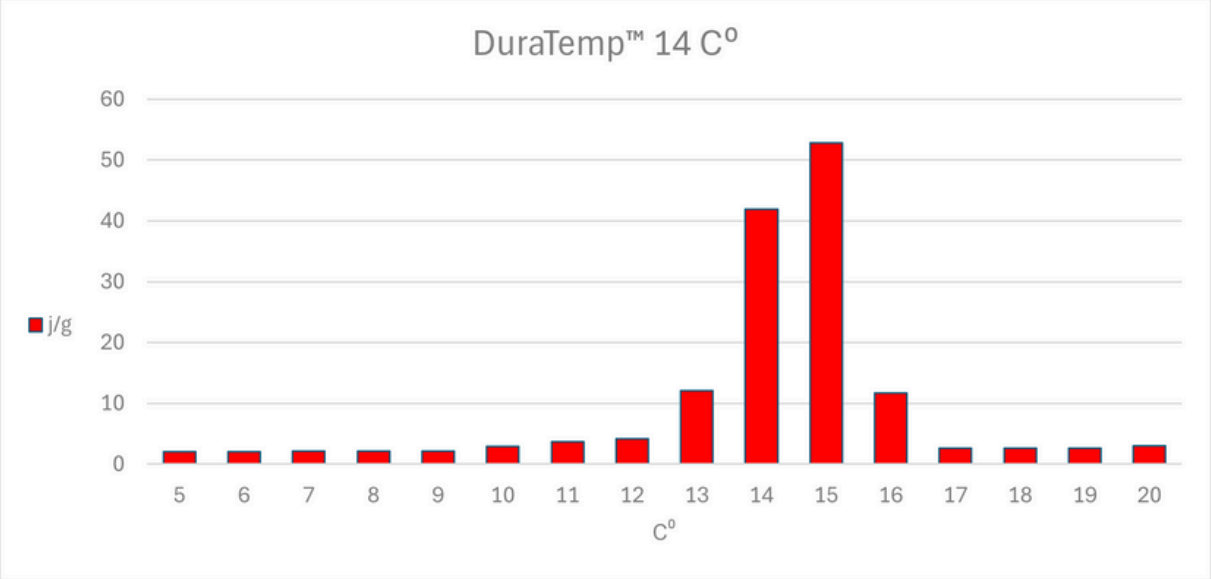
DSC/STEP Analysis

DuraTemp™ 14C



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