

# Precision in Temperature



## PCM+22A

PCM Description	Mineral Base	
Specific Gravity @ 40 °C	0.765 – 0.770	
Flash Point	165	°C
Heat of Fusion	min 200	KJ / kg
Melting Temperature	20 – 23	°C

### Thermal Properties Three Layer Calorimeter (3LC)

Peak Melting Temperature	21 (70)	°C (°F)
Total Heat Capacity, Melting*	216	KJ / kg
Peak Crystallization Temperature	21 (70)	°C (°F)
Total Heat Capacity, Crystallization*	229	KJ / kg

\*Total heat capacity includes both latent heat and sensible heat.

### Handling and Storage:

- ThermaBrick® Refrigerant Bricks must remain tightly closed. Store at a temperature above 5 - 30°C (41 - 86°F) but below 55°C (131 °F).
- Store in accordance with local regulations. Store in the original container protected from direct sunlight in a dry, cool, and well-ventilated area, away from incompatible materials and food and drink. Do not store in unlabeled containers. Reference the Safety Data Sheet for additional information on Storage and Handling.
- For Professional use only. This product contains a material classified as an Aspiration hazard, Category 1—it may be fatal if swallowed and enters the airways.
- Intended use: Safe transport of blood, therapeutic drugs, vaccines, and chemicals.
- Do not puncture, tear, or rupture. Temprecision International considers this product an article. The article is not intended to be removed from the packaging. Misuse of this article may result in exposure to hazardous chemicals.

### Disclaimer:

- Product information provided is designed to be used as a planning aid and is nonbinding. Subject to technical changes without notice.
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