

fibratek 24D

Microencapsulated Phase Change Material
Phase Change: 24°C, 75.2°F

DESCRIPTION

fibratek is a specially formulated and designed PCM to be used in the consumer textile industry. It is acrylic-based and primarily used to increase comfort in every day products.

APPLICATIONS

The applications for phase change materials are limited only by the imagination. Some common uses for fibratek PCM at this temperature include:

- **Consumer Textiles** – to provide desired human comfort requirements such as cool touch effect to fabrics or the ability to keep people cool when material is worn close to the body.

PACKAGING

Dry powder is generally shipped in fiber drums (64 kg) or super sacks (295 kg).

HEALTH AND SAFETY

Please refer to the Safety Data Sheet (SDS) for necessary safety and handling precautions for this product.

PROPERTIES

fibratek 24D typically exhibits these general properties:

Typical Properties

Appearance White to slightly off-white color

Form Dry powder ($\geq 98\%$ solids)

Particle size (mean) ca 50 – 300 micron

Melting point 24°C, $\pm 2^\circ\text{C}$

Heat of fusion 105 J/g

Visit www.microteklabs.com or call 937.236.2213 for more information on your thermal management needs.

IMPORTANT NOTE: This data has been compiled from testing that Microtek Labs believes reliable and is supplied for informational purposes only. Microtek Labs encourages purchasers to validate this data and the product's fitness for use in the purchaser's process by performing their own tests.

MT23-010 fibratek 24D PDS © 2023 Microtek Laboratories, Inc. All Rights Reserved.
All other trademarks are the properties of their respective owners.

MPDS3300-0066

Revision 3

Effective Date: 03/05/2024

 **microtek**
laboratories, inc.

a CAU group company