

# fibratek 28S

Microencapsulated Phase Change Material  
Phase Change: 28°C, 82.4°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

Slurry is generally shipped in plastic drums (140 kg) or IBC totes (850 kg).

## HEALTH AND SAFETY

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

## PROPERTIES

**fibratek 28S** typically exhibits these general properties:

### Typical Properties

Appearance White to slightly off-white color

Form Slurry (43% ± 1 solids)

Particle size (mean) ca 1 – 5 micron

Melting point 28°C, ± 2°C

Heat of fusion ~140 J/g

Visit [www.microteklabs.com](http://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.

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MPDS3300-0065

Revision 4

Effective Date: 03/05/2024

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