



## SuperMag HT 2400

### Low Biopersistence Fiber

**SuperMag HT 2400** is a long strand spun, fine low biopersistent (LBP) fiber. This fiber exhibits outstanding insulating properties at elevated temperatures and has excellent thermal stability and retains its original soft fibrous structure up to its maximum continuous use temperature.

**SuperMag HT 2400** is offered in lubricated or non-lubricated form and is available in bulk, open bulk, and chopped grades: *coarse*, *medium*, and *fine*.

**SuperMag HT 2400** is rated to **2400°F** (1316°C).

#### Key Features

- High Temperature Stability (up to 2400°F)
- Thermal Shock Resistance
- Lightweight
- Low Heat Storage

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Technical Data Sheet Rev. 2 (11/20/2025)

### Physical Properties

Color	White
Continuous Temperature (°F)	2200
Classification Temperature (°F)	2400
Fiber Diameter (µm)	3 - 5
Fiber Index (%)	> 55

### Chemical Analysis (%)

Silica, SiO <sub>2</sub>	70 - 80
Calcium Oxide, CaO	20 - 30
Others	< 3

### Typical Parameters

FIBER TYPE	PRODUCT	CHOP LEVEL
SuperMag HT 2400	SMG HT 2400	None
	EF-2400 OP	Opened
	EF-2400 CC	Coarse
	EF-2400 MC	Medium
	EF-2400 FC	Fine

- Fiber Index is the percentage of fiberized material by weight in a fiber. Unfiberized material is called shot. (i.e., higher fiber index indicates a “cleaner” fiber).

### Typical Applications

- Chimney Insulation
- Process Heater Linings
- Pipe Wrap
- Storage Heater Insulation
- Domestic Oven Insulation
- Automotive Exhaust Heat Shields
- Aluminum Transfer Launder Covers

Data are average results of tests conducted under standard procedures and are subject to variation. Results should not be used for specification purposes.

Please refer to the product Safety Data Sheet (SDS) for recommended work practices and other product safety information.

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