BULK
SUPERMAG
LOW BIO-PERSISTENCE FIBER

Supermag Bulk Fiber

Product Description:

Supermag Bulk Fiber is manufactured by melting oxides of silica, magnesia, and calcium through an electric furnace. Fiber is formed by spinning and air to direct it into a collection chamber.

Supermag Bulk Fiber it is a low bio-persistent (LBP) fiber, with superior mechanical and insulation properties, for use temperature to 1200 °C (2192 °F).

Key Product Features:

- Low Thermal Conductivity
- Low Dust or Irritation
- Soft, Flexible and Lightweight
- High Tensile & Tear Strength
- Excellent Chemical Resistant
- Low Heat Storage
- Thermal Shock Resistant

PRODUCT		SMG Bulk Fiber
MAX TEMPERATURE, °F (°C)		2192°F (1200 °C)
CONTINUOS USE LIMIT, °F (°C)		2012°F (1100°C)
MELTING POINT, °F (°C)		2320°F (1270°C)
SHOT CONTENT (On 40 mesh screen):		7% MAX
SHOT CONTENT (Dry Method):		55% MIN
AVERAGE FIBER DIAMETER, microns		3 to 4
COLOR		WHITE/BLUE
TYPICAL CHEMICAL ANALYSIS		
CHEMICAL ANALYSIS	ELEMENTS	%
	SiO_2	60 – 70
	CaO	25 – 35
	MgO	3 – 7

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.

NUTEC
THE POWER OF INSULATION