# LEADERS IN MINERAL FIBER TECHNOLOGY







### FIBROX™ SPECIALTY FIBERS

#### PMF® FIBERWEAR Fiber CG

HIGH FIBER INDEX

**EXCELLENT TENSILE STRENGTH** 

THERMAL STABILITY

CONSISTENT UNIFORMITY

NON ASBESTOS

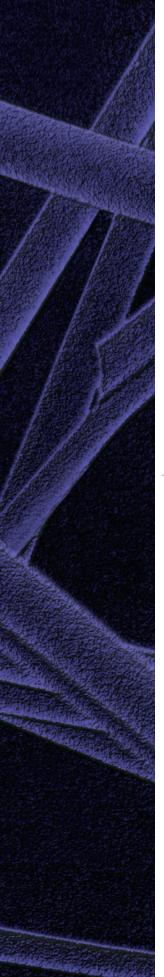
FIBROX™ develops and supplies an engineered mineral fiber as a base ingredient for composite materials. Produced from high purity mineral ores in an electric arc furnace, the precisely designed fiber is used as a reinforcing material in a variety of composite end-uses including friction materials; vacuform shapes; plastics; paints; caulks and sealants.





The world class engineered fiber is available with a fiber index of 70%. Additionally, application specific surface treatments can be integrated into the process.

FIBROX™ TECHNOLOGY, LP TEL. 604-262-6782 WEB www.fibrox.com







### FIBROX™ SPECIALTY FIBERS

#### PMF® FIBERWEAR Fiber CG

#### **TYPICAL PHYSICAL PROPERTIES**

Color	
Density	
Hardness	6.0 Mohs
Fiber Diameter	5 - 6 Microns, by population
Fiber Diameter Range	I - 20 Microns
Fiber Length (Average)	
Non-Fibrous Material	30 % average by weight
Fiber Tensile Strength	80,000 psi
Fiber Tensile Modulus	
Refractive Index	
Shrinkage	2.4 % at 1600° F (871° C)
Devitrification Temperature	
Melting Point	above 2000°F (1093°C)
Operating Temperatures	

#### **TYPICAL CHEMICAL COMPOSITION**

Silica	40 - 50%
Calcium	15 - 25%
Alumina	
Magnesia	. 5 - 10%
Other	. 6 - 10%
* Range for Major Oxides	

<sup>\*</sup> Range for Major Oxides

#### **STANDARD PACKAGING**

40 lb. bags Note: Pulpable bags available.

#### **TYPICAL END USES**

Friction Materials

Gaskets

Plastics

→ Reinforcement / Wear

Heat Resistance

Shape Retention

Vacuform Shapes → High temp refractory ... Firelogs.

Caulks and Sealants → Heat resistance & viscosity modifier

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SAFETY: Follow good safety and industrial hygiene practices during handling of all products. Take necessary precautions and wear the appropriate personal protective equipment as needed. Read material safety data sheets and related literature on products before specification and/or use.

For more information or to place an order, please call:

## FIBROX CUSTOMER SERVICE 604-262-6782

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