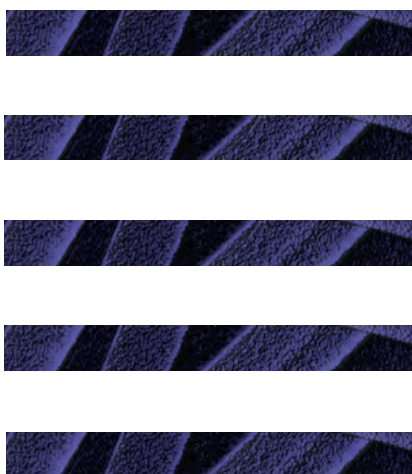




FIBROX™ MILLED FIBER

PMF® Fiber 204 Family of Products



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; quality plastics; paints; caulks; sealants, coatings and gaskets.



Three versions of this world class engineered fiber are available: **PMF® 204, 204BX, 204CX** with fiber indexes greater than 95%. The available surface treatments include silane for the **204BX** and a fatty acid for the **204CX**.



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TYPICAL PHYSICAL PROPERTIES

Color	Off White
Aspect Ratio	40 - 60
Density	2.7 - 2.9 GMS/CC
Hardness	6.0 Mohs
Fiber Diameter	5 - 6 Microns, by population
Fiber Diameter Range	1 - 20 Microns
Fiber Length (Average)	300 - 500 microns
Non-Fibrous Material	
PMF® 204	5 % maximum by weight
PMF® 204BX (Silane coated)	5 % maximum by weight
PMF® 204CX (Fatty Acid coated)	5 % maximum by weight
Fiber Tensile Strength	.80,000 psi
Fiber Tensile Modulus	1.5 - 6 x 10 ⁶ psi
Refractive Index	1.62-1.64
Shrinkage	2.4 % at 1600°F (871°C)
Devitrification Temperature	above 1550°F (843°C)
Melting Point	above 2000°F (1093°C)
Operating Temperatures	up to 1500°F (815°C)

TYPICAL CHEMICAL COMPOSITION

* Range for Major Oxides

STANDARD PACKAGING

In 50 lb. bags Note: Pulpable bags available

TYPICAL END USES

Friction Materials	→	Reinforcement / Wear
Gaskets	→	Heat Resistance
Plastics	→	Shape Retention
Paints	→	Coverage and Coating Strength
Caulks and Sealants	→	Heat resistance & viscosity modifier

All statements, information and data given herein are believed to be accurate and reliable but are presented without guarantee, warranty or responsibility of any kind, express or implied. Statements or suggestions concerning possible use of this product are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe on any patent. The user should not assume that all safety measures are indicated or that other measures may not be required.

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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