

PRODUCT PROFILE

HI FIBE 990 & 990-B

DESCRIPTION

The HI FIBE 990 series is a high fiber content filler used as an asbestos substitute, with an outstanding temperature working range of over 400°F. Because of its fibrillated structure, HI FIBE 990 & 990-B function to increase viscosity and slump resistance as well as dry strength in oil or water based systems. It is chemically inert, with excellent resistance to acids, alkalis, bleaches, solvents, mildew and sunlight. The HI FIBE 990 series is an exceptionally uniform product, formulated for ease of dispersion, and will not separate on mixing.

APPLICATIONS

HI FIBE 990 & 990-B is a tough-fiber filler with superior temperature characteristics as required for Disc and Drum brake linings, Clutch Facings, Friction Paper, Felt Furnace Gaskets, Gasket Sheets, Pump Packings, Reinforced Phenolic Molding Compounds and Sealant Reinforcement.

PACKAGING

HI FIBE 990 is available in 40 pound bags, HI FIBE 990-B is available in 50 pound bags.

HANDLING RECOMMENDATIONS

It is Hill Brothers' belief that all inhaled dusts can be harmful; therefore, we recommend that a dust respirator be worn when handling the materials to avoid inhalation of the dust.

TYPICAL PROPERTIES

	990	990-B
Bulk Density (lbs./cu. ft., loose)	16	36
Oil Absorption (lbs./100 lbs.)	191	135
Water Absorption (lbs./100 lbs.)	222	127
Specific Gravity	2.9	3.2
Softening Temperature (°F)	400	400
Decomposition Temperature (°F)	900	900
Burn Rate	Fiber chars, will not sustain flame	
Moisture Content	Less than 1%	Less than 1%
Color	gray	yellow
Fiber Length (inches)	0.08 - 0.25	0.08 - 0.25
% Aramid Fiber	9	9
% Hydrous Magnesium Silicate	91	0
% Barite	0	91

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The information on this Product Profile is based on data obtained by our own research and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data, the results to be obtained from the use thereof, or that any such use will not infringe any patent. This information is furnished upon the condition the person receiving it shall make his own tests to determine the suitability thereof for his particular purpose. For latest product specifications, contact our nearest sales office.

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