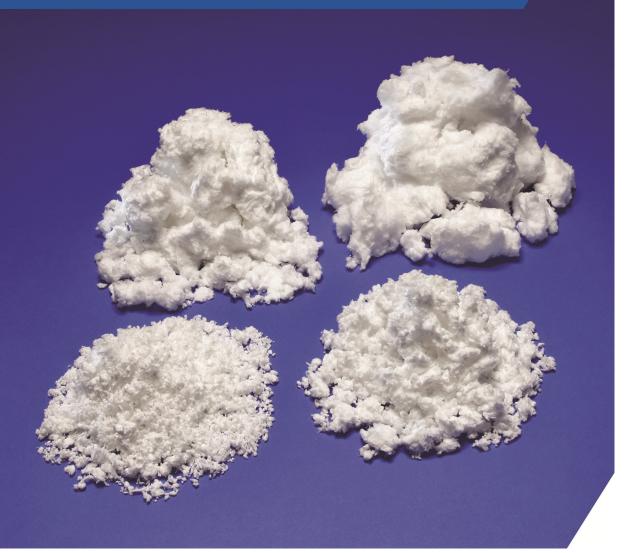
Fiberfrax[®] Bulk and Chopped Fibres



Start saving energy now. Contact your local distributor.

Unifrax Ltd.

T:+44 (0)1744 88 7600 www.unifrax.com

F:+44 (0)1744 88 9916

DESCRIPTION

Fiberfrax refractory ceramic fibres provide the basis for the entire family of Fiberfrax product forms. Fiberfrax Bulk and Chopped Fibres are available in a variety of lengths, mean diameters, and chemistries. As a world leader in the production of refractory ceramic fibres Unifrax is able to engineer one of the most comprehensive ranges of fibres available with characteristics optimised to suit a wide variety of applications.

GENERAL CHARACTERISTICS

Fiberfrax Bulk and Chopped Fibres have the following outstanding characteristics:

- High temperature stability
- Low thermal conductivity
- High resiliency
- Resistance to thermal shock
- Low chemical reactivity
- Good sound absorption

TYPICAL APPLICATIONS

- Loose insulating fill for voids
- Expansion joint packing
- Wet process feedstock
- Textile manufacture

Any new and/or special use of these products, whether or not in an application listed in our literature, must be submitted to our technical department for their prior written approval.



U-100 EN Rev: 0 Dec 09 Page 1 of 2

Fiberfrax[®] Bulk and Chopped Fibres

U-100 EN Rev: 0 Dec 09 Page 2 of 2

BULK FIBRES

Grade	Spun/Blown	Fibre Coating	Grade Temp. (°C)	Mean Fibre Diameter (microns)	Description
B10	В	None	1250	2.10	Regular
B12	В	None	1350	2.10	H Regular
B20	В	Organic Lubricant	1250	2.10	Lubricated
B22	В	Organic Lubricant	1350	2.10	H Lubricated
S20	S	Organic Lubricant	1250	3.25	Spun Lubricated
S24	S	Organic Lubricant	1400	3.25	Spun Z Lubricated

CHOPPED FIBRES

Grade	Spun/Blown	Fibre Coating	Grade Temp. (°C)	Mean Fibre Diameter (microns)	Description
B100	В	None	1250	2.10	Milled
B102	В	None	1250	2.10	Fine Chopped
B104	В	None	1250	2.10	Medium Chopped
B106	В	None	1250	2.10	Coarse Chopped
B126	В	None	1350	2.10	H Chopped
S104	S	None	1250	3.25	Spun Chopped
S144	S	None	1400	3.25	Spun Z Chopped

TYPICAL CHEMICAL ANALYSIS (wt.%)

	1250 °C	Grade temperature* 1350 °C (H)	1400 °C (Z)
SiO ₂	50.0 - 58.0	46.0 - 50.0	52.0 - 56.0
AI_2O_3	42.0 - 50.0	50.0 - 54.0	28.0 - 32.0
ZrO ₂	-	-	14.0 - 18.0
$Fe_2O_3 + TiO_2$	<0.2	<0.2	<0.2
Alkalis	<0.25	<0.25	<0.25

*Grade Temperature reflects the composition and method of manufacture of the product and is based on Classification Temperature of the fibre in blanket form.

AVAILABILITY

Fiberfrax Bulk and Chopped Fibres are available as standard in 20kg and 25kg polythene bagged bales. Other sizes available on request subject to minimum order requirements. Fiberfrax Milled Fibres available in 25kg bags.

HANDLING INFORMATION

A Material Safety Data Sheet has been issued describing the health, safety and environmental properties of this product, identifying the potential hazards and giving advice on handling precautions and emergency procedures. This must be consulted and fully understood before handling, storage or use.

Supplied by:

Information contained in this publication is for illustrative purposes only and is not intended to create any contractual obligation. Further information and advice on specific details of the products described should be obtained in writing from a Unifrax Corporation company (Unifrax España, Unifrax France, Unifrax GmbH, Unifrax Limited, Unifrax s.r.o.). Unifrax maintains a continuous programme of product development and reserves the right to change product specifications without prior notice. Therefore, it maintains at all times the responsibility of the customer to ensure that Unifrax materials are suitable for the particular purpose intended. Similarly, insofar as materials not manufactured nor supplied by Unifrax are used in conjunction with or instead of Unifrax materials, the customer should ensure that all technical data and other information relating to such materials has been obtained from the manufacturer or supplier. Unifrax accepts no liability arising from the use of such materials. All sales made by a Unifrax Corporation company are subject to that company's Terms and Conditions of Sale, copies of which are available on request.