



DESCRIPTION

Fiberfrax[®] Engineered Fibres are size and shot content controlled thus increasing the flowability and facilitating its dispersion in a matrix, such as resins or refractory cement compositions.

Fiberfrax[®] milled fibres can also be used as a compact filler insulation. Customised high surface area fibres can be used as a functional additive in a variety of coatings.

GENERAL CHARACTERISTICS

Fiberfrax[®] Engineered Fibres have the following outstanding characteristics :

- High temperature stability
- Low thermal conductivity
- Low chemical reactivity

TYPICAL APPLICATIONS

- Packing & filling of voids
- Expansion joint packing
- Secondary processing
- 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.

*greener
cleaner
safer*
specialty fibers for
a greener, cleaner, safer world

Unifrax India Private Limited (Formerly Unifrax India Limited)

C-102, Business Square, Andheri-Kurla Road, Andheri (East), Mumbai-400 093

T: +91 (22) 2921 2200 / 201 | F: +91 (22) 2921 2249 | unifrax.mumbai@unifrax.com | www.unifrax.com

UNIFRAX

TYPICAL PRODUCT PARAMETERS

Fiberfrax[®] Engineered Fibre	Z	S
Typical Chemical Analysis (fibre wt. %)		
Al_2O_3	30 - 34	42 - 47
SiO_2	50 - 54	53 - 58
ZrO_2	14 - 18	-
Fe_2O_3	< 0.1	< 0.1
TiO_2	< 0.3	< 0.3
Leachable Chlorides, ppm	< 10	< 10
Physical Properties		
Colour	White to Off-White	
Classification Temperature (°C)	1425	1260
Melting Point (°C)	1760	1760
Density (kg/m ³)	950 - 1050 (Varies with size)	
Specific Gravity	2.65	2.65

Classification temperature refers to the maximum short term temperature limit. The maximum continuous use limit depends upon application conditions. For certain applications continuous use temperature limits may be significantly reduced. For assistance or clarification please contact your nearest Unifrax Engineering office.

AVAILABILITY

Fiberfrax[®] Engineered Fibres are available as standard in 50kg HDPE bags. Other sizes available on request subject to minimum order requirements.

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 India). 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.