

# Product Information Sheet

## Bulk 1100T

### Description

Bulk 1100T is a low bio-persistent (LBP) wool that can provide thermal insulation at operating temperatures up to 1100°C. As a world leader in the production of LBP wools, Alkegen 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

**Bulk 1100T in regular bulk and chopped formats have the following outstanding characteristics:**

- High temperature stability (Up to 1100°C)
- Low thermal conductivity
- Good sound absorption
- Excellent wet forming characteristics

### Typical Applications

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



Information on other applications is available upon request. Any new and/or special use of these products, whether in an application listed in our literature, is advised to be submitted to our Alkegen Application Engineering department, for review and guidance on material selection.

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### Typical Product Parameters

	Bulk 1100T
Typical Chemical Analysis (fibre wt.%)	
SiO <sub>2</sub>	61.0–81.0
CaO + MgO	18.0–38.0
Other oxides	< 4.0

Physical Properties	
Colour	White
Continuous Use Temperature (°C)	1100
Mean Fibre Diameter (microns)	4.0

Bulk 1100T products are suitable for a variety of high temperature applications. Bulk 1100T is a non-standard LBP fibre, which is made available on a periodic basis.

For specific advice on application and operational temperature limits, please contact your nearest Alkegen Engineering Office.

### Bulk Fibres

Grade	Fibre Coating	Description
S15T	None	Regular

### Chopped Fibres

Grade	Fibre Coating	Description
S153T	None	Medium Chopped

### Availability

Bulk 1100T regular bulk and chopped fibres are periodically available in 25kg polythene bagged bales.

### Handling Information

A 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. Bulk 1100T is an AES (alkaline earth silicate) wool that is exonerated from classification by virtue of Note Q, as detailed under regulation (EC) No 1272/2008 (CLP) and as such is considered to be a low bio-persistent (LBP) substance.

The information contained in this publication is for illustrative purposes only and is not intended to create any contractual obligation. The test data shown are average results of tests conducted under standard procedures and are subject to variation. Results should not be used for specification purposes. Product Information Sheets are periodically updated by Alkegen. Before relying on any data or other information in this Product Information Sheet, you should confirm that it is still current and has not been superseded. A Product Information Sheet that has been superseded may contain incorrect, obsolete and/or irrelevant data and other information.

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