



Cerawool[®] Bulk Fibres

Product Data Sheet

Product Description

Cerawool Bulk fibre is produced from a high purity blend of alumina and silica and is rated to 1200°C (2192°F).

Our wide range of bulk fibres is resistant to most types of chemical attack.

They are lightweight, strong and feature a low heat storage capacity for effective energy savings and excellent thermal shock resistance for use in difficult environments.

Features

- Excellent resistance to thermal shock
- Fibres are opaque to infrared and so maintain their low thermal conductivity to high temperatures
- Fibres absorb very little energy on heating
- Fibres are high purity and highly corrosion resistant
- Fibres are highly resilient

Applications

- Expansion joints
- Low mass kiln cars
- Tube seal fabrication
- Thermal and acoustical insulation
- Filtration media
- Reinforcement and filler for plastics, resins and paints
- Fillers for mastics, cements
- Raw materials for vacuum formed boards and shapes, felts and papers

Properties		Cerawool Bulk Fibre
Colour		White
Continuous Use Temperature, °C (°F)		1100 (2012)
Classification Temperature, °C (°F), EN 1094-1 (2008)		1200 (2192)
Melting Temperature, °C (°F)		1500 (2372)
Specific gravity, g/cm ³		2.5
Fibre Diameter (µm)		2.2 - 2.8
Lubrication		0.5
Chemical Analysis, %		
	Alumina, Al ₂ O ₃	37 - 41
	Silica, SiO ₂	57 - 61
	Other	trace

The product(s) represented are intended for industrial refractory applications. The values and application information in this datasheet are given for guidance only. The values and the information given are subject to normal manufacturing variation and may be subject to change without notice. Morgan Advanced Materials – Thermal Ceramics makes no guarantees and gives no warranties about the suitability of a product, and you should seek advice to confirm the product's suitability for use with Morgan Advanced Materials.