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/cm³	2.5
Fibre Diameter (µm)	2.2 - 2.8
Lubrication	0.5
Chemical Analysis, %	
Alumina, Al_2O_3	37 - 41
Silica, SiO_2	57 - 61
Other	trace

Publication Date: 31 March 2023
Code: BU.08

www.morganthermalceramics.com
Email: marketing.tc@morganplc.com
Thermal Ceramics is a business of Morgan Advanced Materials