

Customised Superwool Products

“Superwool® HT LB - Superwool® Plus”

Material Type: Vacuum-formed soluble fibre products.

Description

These products made from a mixture of Superwool® HT or Superwool® Plus fibres, refractory fillers and some binders. Vacuum-forming allows the production of a variety of configurations, tailored to the particular application and ranging from simple sections (such as tubes, cones and flat shapes) to complex shapes (such as combustion chambers).

Good cohesive strength, high operating temperature and excellent insulating properties make Superwool® Plus VF and Superwool® HT VF products suitable for various applications.



Classification Temperature

Superwool® HT LB : 1100 °C

Superwool® Plus : 1200 °C

The maximum use temperature depends on the application. Refer to our company for advice.

Features

- Easy to use.
- Tailor-made shapes.
- Homogeneous structure.
- Low thermal conductivity.
- Molten metal and iron resistance.
- Flame resistant.
- High resilience against pressure.
- Furthermore, they are exonerated from any carcinogenic classification under nota Q of directive 97/69 EC.

Main Properties (23 °C / 50% Humidity)	Superwool® HT LB	Superwool® Plus	Superwool® Plus Strong
Colour	White/Tan		
Classification Temperature, °C	1100	1200	1200
Density, kg/m ³	250	280	380
Thermal Conductivity, W/m.K (ASTM C-201)			
200 °C	0.03	-	-
400 °C	0.04	0.08	0.09
600 °C	0.08	0.12	0.12
800 °C	0.15	0.16	0.14
1000 °C	0.24	0.20	0.17

The values given herein are typical average values obtained in accordance with standard test methods and subject to normal manufacturing variations. They are supplied as technical data and may change without notice. Contact our company to obtain detailed information.