

CCEWOOL® Classic series Vacuum Unshaped Ceramic Fiber

Description:

CCEWOOL® classic series vacuum formed unshaped products are in a variety of sizes and shapes, including tubular, conical, dome-shaped and box-shaped, most of which can be customized according to the customer's requirements, while some unshaped products will kept in stock for customers, such as casting cap and casing pipe for non-ferrous metal industry, as well as vacuum formed kiln eye for petrochemical industry. Vacuum forming hardener or refractory clay coating can be used to shaped products as a protective layer as per customers requirement.

Characteristics:

Low heat capacity;
Low thermal conductivity;
Excellent thermal stability;
Excellent thermal shock resistance;
Excellent anti-wind corrosion;

Application:

Industrial kilns observation hole, thermometer hole;
Industrial furnace burner brick;
Industrial furnace door;
Sump and launder for aluminum products industry;
Heat insulation for thermal radiation in civil and industrial heating device

Technical data:

CCEWOOL® Classic series Vacuum Unshaped Ceramic Fiber				
Item	1260 STD	1260 HP	1400	1430 HZ
Classification Temperature	1050°C	1100°C	1200°C	1350°C
Density (kg/m ³)	300, 320, 350			
Permanent Linear Shrinkage (%)				
@1000C,24hrs	2.8	-	-	-
@1100C,24hrs	-	2.8	2	-
@1200C,24hrs	-	-	2.6	1.9
@1300C,24hrs	-	-	-	2.5
Thermal Conductivity (W/(m·k))				
800°C	0.13	0.13	0.12	0.16
1000°C	0.19	0.19	0.2	0.2
Chemical Composition (%)				
Al ₂ O ₃	46	47-49	52-55	39-40
Al ₂ O ₃ +SiO ₂	97	99	99	-
ZrO ₂	-	-	-	15-17
Al ₂ O ₃ +SiO ₂ +ZrO ₂	-	-	-	99
Fe ₂ O ₃	≤1.0	0.2	0.2	0.2
Na ₂ O+K ₂ O	≤0.5	0.2	0.2	0.2
Specifications(mm)	Manufactured based on drawing provided by customer			
Packing	Carton or Wooded Box			