

CCEWOOL Ceramic Blown Fiber



Temperature Grades: 1260°C (2300°F)

CCEWOOL Ceramic Blown Fiber is produced directly using an advanced blowing process, requiring no secondary processing or heat treatment. Its loose, fluffy fiber form allows for easy on-site filling and installation, offering a fast and flexible insulation solution for various high-temperature applications.

Characteristics:

Low heat storage and low thermal conductivity;

Excellent chemical stability;

Superior thermal stability, resistant to powdering at high temperatures;

Free from binders and corrosive substances;

Excellent sound absorption properties.

Application:

Refractory backing: Filling for furnace and boiler linings.

Expansion joint filler: Sealing for furnace expansion joints and pipe interfaces.

Lightweight castable aggregate: Used as lightweight aggregate in low-cement castables.

Sealing filler: Packing for valve stems, furnace doors, and flange joints.

Loose-fill insulation: Insulation for ovens, incinerators, and large heat-treatment chambers.

Acoustic and thermal insulation systems: Combined with blankets or boards to enhance sound and heat insulation performance.

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CCEWOOL Ceramic Blown Fiber	
Classification Temperature (°C)	1260

Fiber Diameter(μm)	2-4
Chemical Composition(%)	
Al ₂ O ₃	≥43
SiO ₂	≥54
ZrO ₂	-
Color	White
Shot Content(%)	≤15
Packing	Braided Bag/ Carton