

CCEWOOL® Ceramic Fiber Friction Bulk



Classification Temperature: 1260°C (2300°F)

Chemical Composition: Alumina, Silica

CCEWOOL® Ceramic Fiber Friction Bulk is made from high-performance ceramic fiber combined with organic and inorganic binders, and processed through mixing, compression molding, curing, and sintering. The product maintains stable structure and performance under high-temperature and high-pressure

friction conditions.

With its stable friction behavior, good wear resistance, and extremely low shot content, CCEWOOL® Ceramic Fiber Friction Bulk is widely used in braking systems, clutches, and other heavy-duty friction components, making it suitable for friction applications that require high heat resistance and reliability.

Characteristics:

High heat resistance;

Low wear rate;

Low noise;

Low dust emission;

High chemical resistance.

Application:

ACCEWOOL® Ceramic Fiber Friction Bulk is suitable for industrial applications requiring high friction stability, heat resistance, and operational reliability, and performs stably under high-temperature, high-load, and continuous-friction conditions.

Automotive braking systems

Used in brake pads, brake linings, and related components, where it maintains stable friction performance under repeated braking and elevated temperatures. The product provides smooth operation, lower noise, and controllable wear, helping improve the durability of the braking system.

Industrial clutch systems

Suitable for heavy-duty clutch applications, where it maintains a stable coefficient of friction under high torque and continuous operating conditions, reducing the risk of slipping and improving transmission reliability.

Construction machinery equipment

In friction components of cranes, excavators, and other construction machinery, it can withstand high loads and high stress conditions, helping extend service life and reduce maintenance frequency.

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CCEWOOL® Ceramic Friction Fiber	
Classification Temperature (°C)	1260
Operation Temp(°C)	≥1000
Fiber Diameter(μm)	2-4
Chemical Composition(%)	
Al ₂ O ₃	≥45
SiO ₂ +Al ₂ O ₃	≥97
ZrO ₂	-
Color	white or grayish-white
Shot Content(%)	≤3
Packing	Braided Bag