

CCEWOOL® Research series Ceramic Fiber Friction Bulk

Description:

CCEWOOL® Research series ceramic fiber friction bulk is made from standard ceramic fiber bulk through shear, slag-removal processes and secondary processing, as one of ideal raw material for production of friction materials. This fiber can also be used as mechanical thixotropic agent in coating application with extra advantages of reinforced and fire resistant.

Characteristics:

Low heat capacity and low thermal conductivity;
Excellent chemical stability;
Excellent thermal stability, resistance to pulverization at high temperature;
With no binders or corrosive substances;
Excellent sound absorption

Application:

Excellent reinforced material for automobile break lining and other friction materials.

Technical data:

CCEWOOL® Research series Ceramic Fiber Friction Bulk	
Density(kg/m ³)	2.73g/cm ³
Mean Fiber Diameter (μm)	3.0-5.0
Shot Content (%) φ ≥0.212mm	(Grain diameter ≥100) ≤22
Fiber Length (μm)	150
Chemical Composition (%)	
Al ₂ O ₃	≥45
SiO ₂	≥52
Fe ₂ O ₃	≤0.8
Al ₂ O ₃ +SiO ₂	≥97
Packing	Braided Bag