

Zibo Double Egret Thermal Insulation Co., Ltd.

Insulation · Refractory · Eco-friendly

CCEWOOL® Classic series Ceramic Fiber Bulk

Description:

CCEWOOL® classic series ceramic fiber bulk is manufactured from kaolin. The impurities such as Fe2O3, TiO2 and Na2O will be much reduced through refinement to guarantee low shot content. These products are manufactured on computer-controlled, state-of-the-art furnaces to provide customers with consistent fiber properties. Besides as the material of blanket, board and paper, these bulk fiber can also be directly used as high-temperature fill and packing material in a variety of high temperature applications.

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

Applications:

Raw material for fiber blanket, board, textile and unshaped vacuum formed products; Fillings for wall lining gap in high temperature furnace, heating device; Fiber spraying; Raw material for coatings; Insulation fillings for corner and complex space

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WOL[®] Industry Leader in Furnace Insulation Energy Saving Solutions



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Technical Data:

CCEWOOL [®] Classic series Ceramic fiber bulk					
ltem	1050	1260STD	1260 HP	1400HA	1430 HZ
Density (kg/m3)	2.73g/cm3				2.67g/cm3
Mean Fiber Diameter (µm)	3.0-5.0				
Shot Content (%)∮ ≥0.212mm	≤15	≤15	≤15	≤15	≤11
Chemical Composition (%)					
Al2O3	≥44	≥45	≥45	≥53	≥36
SiO2	≥52	≥52	≥54	≥46	≥48
ZrO2 (%)	-	-	-	≤0.2	≥15
Fe2O3	≤1.0	≤0.8	≤0.2	≤0.1	≤0.1
Al2O3+SiO2	≥96	≥97	≥99	≥99	-
Al2O3+SiO2+ZrO2	-	-	-	-	99
Packing	Braided Bag/ Carton				

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