

CCEWOOL® - Research series Ceramic Fiber chopped bulk

Description:

Using a secondary chopping process , CCEWOOL® - Research series ceramic fiber chopped bulk are cut to shorten the fiber length in order to improve incorporation in compounding processes; it is also used as the raw material of fiber board and paper.

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:

Raw material of ceramic fiber board and paper

Technical data:

CCEWOOL® Research series Ceramic fiber chopped bulk					
Item	1050	1260STD	1260 HP	1400HA	1430 HZ
Density (kg/m ³)	2.73g/cm ³				2.67g/cm ³
Mean Fiber Diameter (μm)	3.0-5.0				
Shot Content (%) † ≥0.212mm	≤15	≤15	≤15	≤15	≤11
Chemical Composition (%)					
Al ₂ O ₃	≥44	≥45	≥45	≥53	≥36
SiO ₂	≥52	≥52	≥54	≥46	≥48
ZrO ₂ (%)	-	-	-	≤0.2	≥15
Fe ₂ O ₃	≤1.0	≤0.8	≤0.2	≤0.1	≤0.1
Al ₂ O ₃ +SiO ₂	≥96	≥97	≥99	≥99	-
Al ₂ O ₃ +SiO ₂ +ZrO ₂	-	-	-	-	99
Packing	Braided Bag/ Carton				