

CEWOOL® Research series Ceramic Fiber Textile Bulk

Description:

CCEWOOL® Research series ceramic fiber textile bulk is made from standard ceramic fiber bulk through a further shot-removal process to deliver uniform diameter and high spinnability of fiber cotton, which is one of ideal raw material for the production of textiles.

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 textile(yarn, cloth, tape, rope)

Technical data:

CCEWOOL® Research series Ceramic Fiber Textile Bulk			
Item	1260STD	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 (%) $\phi \geq 0.212\text{mm}$	≤ 15	≤ 15	≤ 15
Water Content (%)	≤ 3	≤ 3	≤ 3
Non-fiber Substances (weight %)	≤ 35	≤ 35	≤ 35
Chemical Composition (%)			
Al ₂ O ₃	≥ 45	≥ 53	≥ 36
SiO ₂	≥ 52	≥ 46	≥ 48
ZrO ₂ (%)	-	≤ 0.2	≥ 15
Fe ₂ O ₃	≤ 0.8	≤ 0.1	≤ 0.1
Al ₂ O ₃ +SiO ₂	≥ 97	≥ 99	-
Al ₂ O ₃ +SiO ₂ +ZrO ₂	-	-	≥ 99
Packing	braided bag		