

Ceramic Fiber Bulk



The production of our ceramic fiber spun/blowing bulk takes use of electric resistance furnace melting method with the characteristics of stable performance, long fiber, strong tensile strength, less shot, excellent thermal stability, clean and white color etc. it is the optimum material for the production of fiber textile and also the perfect material for sealing, filling and insulating in high-temperature environment.

Product Characteristics:

1. Low heat storage and thermal conductivity
2. Excellent chemical stability
3. Excellent thermal stability
4. No bond and corrosive material
5. Excellent thermal shock resistance
6. Excellent sound insulation

Application:

1. Raw material of fiber textile
2. Filling material of wall lining of industrial furnace
3. Raw material of wet method products
4. Raw material of fiber spraying, casting materials and coating materials

Specification:

| Item | | COM | ST | HP | HA | HZ |
|--------------------------|--|-------|-------|-------|-------|-------|
| Specification Tem (°C) | | 1100 | 1260 | 1260 | 1360 | 1430 |
| Working Tem (°C) | | <1000 | 1050 | 1100 | 1200 | 1350 |
| Color | | white | white | white | white | white |
| Fiber dia (um) | Blowing | 2-3 | 2-3 | 2-3 | 2-3 | 2-3 |
| | Swinging | 3-4.5 | 3-4.5 | 3-4.5 | 3-4.0 | 3-4.0 |
| Chemical composition (%) | Al ₂ O ₃ | 44 | 46 | 47-49 | 52-55 | 39-40 |
| | Al ₂ O ₃ +SiO ₂ | 96 | 97 | 99 | 99 | - |
| | Al ₂ O ₃ +SiO ₂ +ZrO ₂ | - | - | - | - | 99 |
| | ZrO ₂ | - | - | - | - | 15-17 |
| | Fe ₂ O ₃ | <1.2 | <1.0 | 0.2 | 0.2 | 0.2 |
| | Na ₂ O+K ₂ O | ≤0.5 | ≤0.5 | 0.2 | 0.2 | 0.2 |

All the fibers are packed in sack with the packing weight: 20kg Or made according to customers s requirement.