

## Raymond Grinding Mill for the Powder Making of Ceramics



There are many kinds of ceramics with different performances. In summary, they are in common with features—high hardness, high compressive strength, high temperature resistance, corrosion resistance, heat insulation, insulation, wear resistance, etc. Some ceramics are so special that they are characteristic of transparency, electricity conduction, magnetism conduction, thermal conduction, ultra-high frequency insulation, etc. Generally speaking, porcelain is divided into two categories: traditional ceramics and special ceramics. Specifically, traditional ceramics, also known as ordinary ceramics, are made of natural silicates (clay, feldspar, quartz, etc). Therefore, this kind of ceramic is also called silicate ceramics mainly for daily use, construction, sanitary ceramics and ceramics for high and low voltage insulation; special ceramics, also known as modern ceramics or new ceramics, are used to improve the performance of ceramic, which is made by process of traditional ceramics based on artificial compounds with higher purity.

Covering a number of technological patents, Raymond grinding mill for ceramic powder making can process ceramics and prepare powders with a high efficiency, which greatly lower energy consumption. More over, compared with R-series grinding mill with  
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the same power, this equipment is superior for the reason that the output of it is more than 40% higher and cost of unit power consumption can be saved more than 30%. Reliable, energy saving and environmental protection, the whole system can efficiently process powders with a fineness of 80-600 mesh and at the efficiency of dust collection of 99%.

### **HC Pendulum Grinding Mill**

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**Diameter of grinding ring : 1000-1700mm**

**Capacity: 1-25t/h**

**Finished product fineness: 0.022-0.18mm**

#### **Features :**

Based on the pendulum grinding mill, this new grinding mill has went through technological innovation, which greatly improves the efficiency and reduces the energy consumption per unit of output. And it is second to none in the processing field of non-metallic minerals.

#### **Applicable materials:**

With a number of national technological patents, domestically, the performance of this kind of machine can reach the leading level. And it is widely used to grind and process non-metallic minerals with Mohs hardness below 7 and moisture below 6%, such as coal gangue, wollastonite, limestone, zircon sand, bentonite, manganese ore, gypsum, calcite, barite, fluorite, marble, etc.