

Raymond Grinding Mill for the Powder Making of White Carbon Black



White carbon black serves as a kind of auxiliary that is environmentally friendly and with excellent properties. It is mainly used in fields such as rubber products, textiles, paper making, pesticides and food additives. As to rubber products, white carbon black mainly plays a role of reinforcing and filling. The properties of tread compound can be improved if white carbon black is added. For example, the tread compound can resist cut and tear. It is an inevitable development trend to replace the carbon black with white carbon black to improve the performance of the product. Manufacturers need to speed up the production process of white carbon black and reduce impurities of silicon gel. Therefore, for the manufacturers, technologically, in the future, they should make white carbon black that is high-dispersion and with low content of silica gel.

Grinding Mills manufactured by HC Milling (Guilin Hongcheng) can provide grinding equipment and technical support for white carbon black production enterprises. After decades of struggling, HC Milling (Guilin Hongcheng) has been committed to providing powder-processing enterprises with a full set of professional solutions. HC Milling (Guilin Hongcheng) can meet customer's requirements for ultrafine powders with a fineness from 20 meshes to 3000 meshes. The output can be adjusted from 1 ton per hour to 80 tons per hour. The grinding mill has good performances such as stable operation, high efficiency, energy saving and low maintenance cost. After put into the market, it has received strong support and praise from customers. At present, it has been widely used and promoted in various powder-making industries all over the world.

#HC #HCMilling #GuilinHongcheng

Roller number: 3-5

E-mail: hcm@hcmilling.com

Tel: +86-0773-3568321

Maximum feeding size: 30mm

Output: 1-25t/h

Fineness of finished product : 0.022-0.18mm

Application range:

It can be widely used in fields such as metallurgy, chemical rubbers, coatings, plastics, pigments, inks, building materials, medicines, foods, etc. With high grinding efficiency and the high technology, it is ideal equipment for the processing of non-metallic minerals.

Application materials:

It is suitable for the processing of non-metallic minerals such as bauxite, titanium dioxide, ilmenite, phosphate rock, clay, graphite, calcium carbonate, barite, calcite, gypsum, dolomite and potash feldspar, etc. Fineness of finished product can be freely adjusted.

Features:

This kind of grinding mill effectively improves the per unit output of a single device and reduces the energy consumption. Additionally. It has the advantages of wide application, easy operation, easy maintenance, stable performance, high efficiency, environmental protection and high price-performance ratio, so its market is promising.

Thanks to covering many technological patents, the output of it can be increased by more than 40% and the cost of unit power consumption can be saved by more than 30% in contrast with the R-series grinding mill under the same power. It is a better choice to process 80-600 meshes powders due to a great improvement in various performances.