久吾高科
JIUWU HI-TECH

Industrial Waste Gypsum Resource Utilization

- Titanium gypsum
- Phospho-gypsum
- Salt-gypsum

徐州钛白化工有限责任公司 XUZHOU TITANIUM DIOXIDE CHEMICAL CO., LTD.

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Industrial by-product gypsum is a waste produced in the process of industrial production. The main component is $CaSO_4 \cdot 2H_2O$.How to use high value-added and resource utilization is the primary problem that restricts the sustainable development of various industries. Jiuwu HI-TECH has a mature membrane integration technology, gypsum crystal promoter and other core technologies. At the same time, Jiuwu HI-TECH developed a combination of process equipment combined with "pre -processing + high value-added resource" to produce a variety of industrial gypsum. We can produce different varieties of industrial gypsum, such as high strength gypsum, β-series building gypsum, anhydrite(II), etc. Among them, the "JIUWU MCM Titanium Gypsum Resource Use Technology " passed the industry identification and was evaluated to position the "International Advanced Level" and "Nanjing Innovation Products", and was included in the "National Industrial Resources Comprehensive Use Advanced Applicable Craft Technology Equipment Catalog (2021 Edition) ", the first pioneer in China.



Traditional red gypsum



JIUWU MCM Titanium Gypsum







Appraisal of scientific and technological achievements in the titanium dioxide and gypsum industry