How to Manufacture Asbestos, Cement, Ceramics and Limestone

Description:

Asbestos is the generic term for agroup of naturally occurring fibrous minerals with high tensile strength,flexibility, and resistance to thermal, chemical and electrical conditions.Asbestos fibers are of high-tensile strength, flexible, heat and chemicalresistance, and good frictional properties. Cement is the most essential rawmaterial in any kind of construction activity. Ceramics also known as fire clayis an inorganic, non-metallic solid article, which is produced by the art ortechnique of heat and subsequent cooling. Limestone is a sedimentary rock,mainly composed of calcium carbonate (CaCO3). It is the principal source ofcrushed stone for construction, transportation, agriculture, and industrialuses.

Emerging applications in commercialsectors such as asbestos, cement and ceramic are poised to fuel demand in thecoming years. Growing demand for limestone in the production of cement as wellas in several other chemicals that are used in the production of high-valueevery-day products offers significant opportunities for growth. GlobalLimestone consumption is projected to reach 5.7 billion tons and expected togrow at an average annual rate of 4–5% in coming years. Presently, cementproduction is 330 million tonnes and expected to double to reach almost 550million tonnes in future.

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