

We are the World's Premier Supplier

Kyanite Mining Corporation is the largest and oldest producer of Kyanite in the world. We are an independently owned and operated company, with over 60 years of experience in providing the highest quality Kyanite, and its calcined derivative, Mullite, to the global marketplace. Our two mines and our four state-of-the-art processing plants are located in central Virginia, on the eastern seaboard of the United States.



Kyanite, $\text{Al}_2\text{O}_3 \cdot \text{SiO}_2$, has the unique property of expanding irreversibly when heated. The degree of thermal expansion is dependent upon the mesh size of the Kyanite product selected. This predictable expansion helps in offsetting the shrinkage of other raw materials and binders employed in the mix.

Virginia Mullite, $3\text{Al}_2\text{O}_3 \cdot 2\text{SiO}_2$, is calcined Kyanite that has been converted at $1,500^\circ\text{C}$. Mullite is a key ingredient of most refractory mixes due to its very high melting temperature, high hot strength, excellent thermal shock and creep resistance and its ability to withstand extremely corrosive environments.

Engineering Excellence And A Dedication To Quality Control Produce Superior Products

Ceramic Engineers the world over harness the unique and beneficial properties of our minerals to improve the performance of their products. Our Kyanite and Mullite additives are used extensively not only in refractory products such as castables, bricks, ramming mixes, plastics, mortar, but also in precision investment casting molds, foundry washes and sprays, kiln furniture, electrical insulators, and many other industrial ceramic products.



Kyanite Mining Corporation | THE KYANITE EXPERTS

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