

Description:

CK46 is a metakaolin with some residual chemically held water for reactivity. During calcination, care is taken to ensure that no mullite is formed. Controlled blending of various ores, processing and calcination provides a consistent product with excellent physical and chemical properties.

Applications:

CK-46 is used as a raw material in the production of alum, refractory ceramic fibers, proppants and other ceramic based products.

Chemical Analysis (%): (Calcined basis)	Typical	Minimum	Maximum
Al ₂ O ₃	45.5	45.0	50.0
SiO ₂	51.1	48.0	53.0
Fe ₂ O ₃	0.96	0.80	1.20
CaO	0.05		0.10
TiO ₂	1.86	1.60	2.20
MgO	0.07		0.10
Na ₂ O	0.07		0.10
K ₂ O	0.17		0.30
L.O.I.*	2.00	1.00	3.00

* Includes moisture and loss on ignition at 2000°F

Physical Properties:

Loose Pack Density lbs./cu. ft. 50-60

To Order:

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