

# HiCal

Highly Calcined Alumino Silicate - Calcined Kaolin



**ORIGIN: India**

**Mineralogical Composition:** Mullite (>60%)

Physical Properties		Typical
Form Supplied	Sand	8-20#; 16-30#, 30-80#, 50-80#, 1-3mm, 3-5mm, 5-10mm
	Flour	200#
Apparent Porosity		7 - 8
Hardness		7 - 8 Mohs
PCE		1750 – 1770 °C
Specific Gravity		2.4 to 2.6
Bulk Density		2.1 – 2.4 gm/ltr
Loss on Ignition		<0.5%

Chemical Analysis	Typical
Al <sub>2</sub> O <sub>3</sub>	42 to 60%
Fe <sub>2</sub> O <sub>3</sub>	1.3 to 1.5%
TiO <sub>2</sub>	4% max
Alkaline Impurities	<1%

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