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www.blastritegulf.com**SILLIMANITE**

TRADE NAME

SILLIMANITE

DESCRIPTION

Sillimanite is an alumino-silicate mineral with the chemical formula Al_2SiO_5

FUNCTION

Sillimanite is mainly used in the manufacture of high alumina refractories .

CHEMICAL ANALYSIS

Al_2O_3	59.30%
SiO_2	37.10%
TiO_2	0.040%
Fe_2O_3	0.50%
ZrO_2	1.50%
P_2O_5	0.050%
$Na_2O + K_2O$	0.50%
CaO	0.60%

TECHNICAL DATA

Hardness	7 MOHS
Specific weight	3.20
Bulk weight	1950 – 2050 Kg/m ³
Particle shape	Crystals
Storage	Dry, sheltered conditions
Packaging	1 Ton Bulk bags

SIEVING RANGE

CODE	SIZE RANGE (micron)	PROFILE RANGE (micron)
STD	75 - 300	N.A