



DK - SILLIMANITE SAND

Al2O3-58% Grade

Chemical Composition (Typical)	
Name of Chemical	%
Al2O3	57.79
SiO2	36.53
ZrO2 +H fO2	3.542
Fe2O3	0.523
TiO2	0.376
V2O5	0.083
P2O5	0.079
CaO	0.324
U(ppm)	14
Th (ppm)	33

Mineralogical Analysis	
Minerals	%
Sillimanite	95.12
Rutile	00.39
Zircon	04.12
Quartz	00.37

Particle Size Analysis		
Mesh	MM	Retained %
30	0.600	0.00
40	0.425	1.46
50	0.300	9.96
60	0.250	15.98
70	0.212	25.30
80	0.180	18.46
100	0.150	14.10
120	0.125	9.40
140	0.106	3.76
Pan		1.58

Applications / Uses

- 1. Refractory
- 2. Foundry
- 3. Zinc and Glass Industry

