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DK - SILLIMANITE SAND

Al₂O₃-58% Grade

Chemical Composition (Typical)	
Name of Chemical	%
Al ₂ O ₃	57.79
SiO ₂	36.53
ZrO ₂ +HfO ₂	3.542
Fe ₂ O ₃	0.523
TiO ₂	0.376
V ₂ O ₅	0.083
P ₂ O ₅	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



*DK - Sillimanite sand is a natural product and hence it may be slightly varied in the chemical analysis content and particle size distribution expected