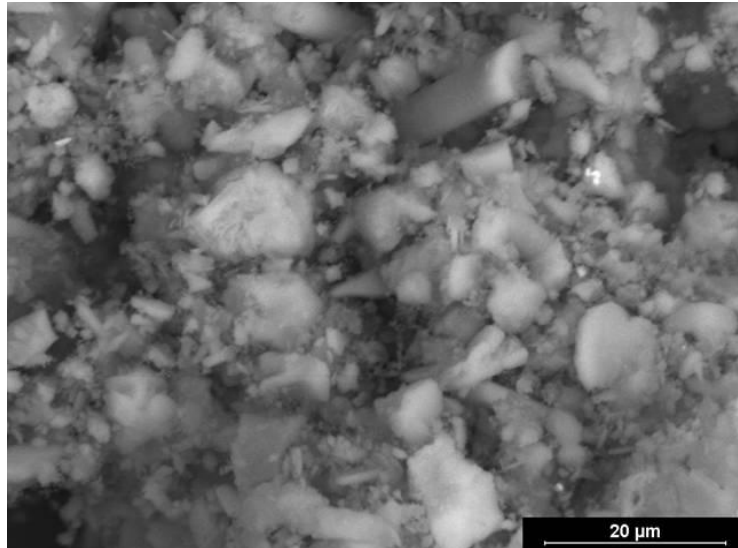


CAI – ALON



Chemical Composition (typical)

		original	if calcined >1100°C
Al ₂ O ₃	%	53	83
AlN	%	13	-
Al metallic	%	12	-
SiO ₂	%	7	7
MgO	%	5	5
CaF ₂	%	2.9	-
CaO	%	-	2
NaCl	%	1.6	-
Na ₂ O	%	-	0.7
K ₂ O	%	0.7	0.7
Fe ₂ O ₃	%	0.4	0.4
TiO ₂	%	0.4	0.4
ZrO ₂	%	0.3	0.3
SO ₃	%	0.2	-
MnO	%	0.1	0.1
Humidity (105°C)	%	0.3	-
Increase in weight (1100°C)	%	-	11

Mineralogical composition (main components)

Corundum, alpha-Al₂O₃; Spinel, MgO.Al₂O₃; Al, metallic; Aluminium Nitride, ALN; Quartz, SiO₂

Particle Size (Sieve Analysis)

- 0.300 mm: 95 %; - 0.150 mm: 75 %; - 0.075 mm: 35 %

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