

Aluminium oxide (alumina) with low sodium contents, - easy sintering
 łatwo spiekające się tlenki glinowe o niskiej zawartości sodu
 AES-12, AES-11, AES-11C, AES-11F, AES-22S, AES-23S , AL-31-03

Typical Properties		Product	AES-12	AES-11	AES-11C	AES-11F	AES-22S	AES-23	AL-31-03
Chemical Composition	H2O	[%]	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	L.O.I	[%]	0.1	0.2	0.1	0.1	0.1	0.1	0.1
	Fe2O3	[%]	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	SiO2	[%]	0.03	0.03	0.03	0.03	0.02	0.04	0.04
	Na2O	[%]	0.04	0.04	0.04	0.04	0.02	0.04	0.03
	MgO*	[%]	-	0.11	0.05	0.05	-	-	-
	Al2O3	[%]	99.9	99.9	99.9	99.9	99.9	99.9	99.9
D50 (MT-3300, Laser Diffraction)		[µm]	0.44	0.43	0.39	0.47	1.1	2.2	3.0
α Crystal Size		[µm]	0.3	0.3	0.3	0.3	0.3~1.0	0.3~4	0.3~4
Green Density**		[g/cm3]	2.22	2.22	2.20	2.17	2.35	2.57	2.56
Fire Density**		[g/cm3]	3.88	3.93	3.94	3.93	3.88	3.77	3.22
Linear Shrinkage**		[%]	17	17	18	18	15	12	7
Packing	Paper Bag		25kg						