

High Purity Alumina (HPA)

Tlenki glinowe wysokiej czystości

AKX-5, AKP-20, AKP-30, AKP-50, AKP-53, AKP-3000

Product		AKX-5	AKP-20	AKP-30	AKP-50	AKP-53	AKP-3000	
Typical Properties								
Crystal Structure		α	α	α	α	α	α	
Purity(Al ₂ O ₃)	[%]	≥ 99.99	≥ 99.99	≥ 99.99	≥ 99.99	≥ 99.99	≥ 99.99	
Mean Particle Size (MT3300)	[μm]	-	0.46	0.27	0.20	0.18	0.70	
Loose Bulk Density	[g/cm ³]	2.2	0.9	0.9	0.9	1	0.41	
Tapped Bulk Density	[g/cm ³]	-	1.4	1.3	1.3	1.4	0.80	
BET Surface Area	[m ² /g]	0.3	4.3	6.7	10.3	11.7	4.5	
Impurity	Si	[ppm]	6	16	14	11	33	4
	Fe	[ppm]	3	3	3	4	4	3
	Na	[ppm]	2	4	2	2	2	2
	Mg	[ppm]	1	3	3	2	5	1
	Cu	[ppm]	1	1	1	1	1	1
Packing	PE Bag		20kg	20kg	20kg	20kg	10kg	
	Paper Drum	100kg						
Application	Single Crystal	High-strength and high-density Ceramics, Composite Materials, Additives for non-Oxide Ceramics, Abrasives, Plasma Spray, Ceramic Filter, etc.					Insulation layer of Li-ion Secondary Battery	