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**Physical and Chemical Properties for Alumina Powder**  
**(Item# ALO-4N)**

ITEM	UNIT	VALUE
Crystal Form	/	$\alpha$
Al <sub>2</sub> O <sub>3</sub> Content	/	≥99.99%
Primary Particle Size	μm	≤0.4
Partical Size D10	μm	≤0.3
Partical Size D50	μm	≤1.0
Partical Size D90	μm	≤2.0
Apparent Density	g/cm <sup>3</sup>	0.25~0.40
Tap Density	g/cm <sup>3</sup>	0.55~0.90
True Density	g/cm <sup>3</sup>	3.96
Specific Surface Area	m <sup>2</sup> /g	4~8
PH value	/	6~8
Na	ppm	25
Mg	ppm	3
Ca	ppm	3
K	ppm	1
Si	ppm	20
Fe	ppm	5
Zn	ppm	1
Mn	ppm	1
Pb	ppm	2
Ti	ppm	2
Content of Key Impurities	ppm	≤100