

## Physical and Chemical Properties for Alumina Powder

ITEM	UNIT	VALUE
Al <sub>2</sub> O <sub>3</sub> Content	/	≥99.999%
Appearance	/	White powder
Green Density	g/cm <sup>3</sup>	1.2-2.4
Loose Density	g/cm <sup>3</sup>	0.4-0.6
Packed Density	g/cm <sup>3</sup>	0.6-1.1
Surface Area	m <sup>2</sup> /g	1-10
D-90	um	30-40
D-50	um	16-22
D-10	um	8-12
Phase state	/	Alpha
Na	ppm	≤3
Si	ppm	≤3
Fe	ppm	≤2
Ca	ppm	≤1
Mg	ppm	≤1
Ga	ppm	≤1
Cr	ppm	≤1
Ni	ppm	≤1
Ti	ppm	≤1
Mn	ppm	≤1
Cu	ppm	≤1