

## 알루미나 물성항목

### Aluminum Oxide Properties

Item	Unit	Product Name		
		RCA	NCA	HRA
Purity	%	96.5~97.5	97.0~98.0	97.5~98.5
TiO <sub>2</sub>	%	<0.6	<0.6	<0.6
CaO	%	<0.4	<0.4	<0.4
SiO <sub>2</sub>	%	<0.2	<0.2	<0.2
Na <sub>2</sub> O	%	<0.2	<0.2	<0.2
Fe <sub>2</sub> O <sub>3</sub>	%	<0.1	<0.1	<0.1
P <sub>2</sub> O <sub>5</sub>	%	<0.1	<0.1	<0.1
MgO	%	<0.1	<0.1	<0.1
K <sub>2</sub> O	%	<0.1	<0.1	<0.1
LOI 1,100 °C	%	1.0~2.0	0.5~1.5	0.5~1.0
BET	m <sup>2</sup> /g	30~80	10~50	3~10
d50	µm	11~14	11~14	11~12

Item	Unit	Specification
Appearance	-	Solid (Powder)
Molecular weight	g/mol	101.96
Specific gravity	g/cm <sup>3</sup>	4
Boiling point	°C	2,980
Melting point	°C	2,072