

## Typical High Purity Alumina Quality Figures

		Aluminum hydroxide		Highly activated alumina		Activated alumina		α-alumina	
		RH-30	RH-40	RK-30	RK-40	RG-30	RG-40	RA-30	RA-40
Chemical composition	Al (%)	> 99.9*1	> 99.99*1	> 99.9	> 99.99	> 99.9	> 99.99	> 99.9	> 99.99
	Fe	0.0100	0.0005	0.0150	0.0007	0.0150	0.0007	0.0150	0.0007
	Si	0.0100	0.0013	0.0150	0.0018	0.0150	0.0018	0.0150	0.0018
	Cu	0.0004	0.0001	0.0005	0.0001	0.0005	0.0001	0.0005	0.0001
	Mg	0.0002	0.0001	0.0003	0.0001	0.0005	0.0001	0.0003	0.0001
	Ca	0.0002	0.0001	0.0003	0.0001	0.0003	0.0001	0.0003	0.0001
	Na	0.0004	0.0002	0.0005	0.0003	0.0005	0.0003	0.0005	0.0003
Specific surface area (m <sup>2</sup> /g)		37.0		130.0		48.0		3.5	
Mean particle size (μm)		1.35		0.70		0.51		1.00	

Specific surface area: BET method

Mean particle size: Air permeability method

\*1: As Al(OH)<sub>3</sub>