

Standard Type (緻密質)

Property	Alumina	KA-6	KA-9	Unit
Purity		96	99	%
Water Absorption		0	0	%
Apparent Specific Gravity		3.75	3.8	g/cm ³
Surface Roughness		0.3	0.1	μ Ra
Vickers Hardness		14.7	16.7	GPa
Linear Thermal Expansion Rate(40~800°C)		7.8	7.9	10 ⁻⁶ /°C
Thermal Conductivity		25	29	W/(m · K)
Flexural Strength		320	350	MPa
Volume Resistivity		≥ 10	≥ 10	KV/mm
Dielectric Strength		$\geq 10^{14}$	$\geq 10^{14}$	$\Omega \cdot \text{cm}$
Dielectric Constant		9.5	10	(1MHz)
Dielectric Loss Tangent		4	2	10 ⁻⁴
Dielectric Loss		---	---	(1MHz)