

99 Alumina Ceramic Material Properties-SU0207

Properties	Unit	Value
Main Composition	%	99
Density	g/cm ³	≥3.88
Hardness	HRA	88.00
Flexural Strength	MPa	≥350
Compressive Strength	MPa	≥2,500.00
Young Modulus	GPa	350.00
Max Using Temperature	°C	1,500.00
Thermal Expansion Coefficient (20-1000°C)	10 ⁻⁶ /°C	8.20
Thermal Conductivity (20°C)	W/(m.k)	25.00
Electrical Resistivity (20°C)	Ω·cm	≥10 ¹⁴
Dielectric Strength	KV/mm, DC	20.00
Dielectric Constant (20°C,1MHz)	ε _r	9.40
Dielectric Loss (1MHz)	tanδ×10 ⁻⁴	2.00

Remark: The value is just for review, different using conditions will have a little difference.

Xiamen Innovacera Advanced Materials Co.,Ltd

 Block A, 6/F, No.588 Jiahe Road, Torch High-tech Industrial District, Xiamen, China 361006.

 0086 592 558 9730

 0086 592 558 9733

 sales@innovacera.com

 www.innovacera.com