



Alumina Rod

Nextgen Advanced Materials supplies technical ceramic products such as Alumina Rods with high purity and tight dimensional tolerance. Our Aluminum oxide rod has superb performance in electrical insulation, high chemical resistance, and low thermal expansion. Customization is available too.

Product Description

As the professional manufacture, we would like to provide you Nextgen Alumina Rod. And we will offer you the best after-sale service and timely delivery. Alumina rod is widely used in the field of electronics, mechanical sealing, petrochemical engineering and automotive part. High-temperature resistance, good weary resistance and insulating are our product's features



Specification

Parameters	UNIT	Al 99	Al 95
Al ₂ O ₃ Content	%	99	95
Density	g/m3	3.85	3.6
water absorption	%	0	0
Sintering temperature	°C	1690	1670
Hardness	HV	1700	1600
Compressive strength	Kgf/cm2	30000	25000
Max. Working Temperature	°C	1500	1400
Thermal Conductivity	W/(m K)	31	22
Volume Resistivity	Ω.cm	>10 ¹²	>10 ¹²
Dielectric Constant	MHZ(E)	9.2-10.5	9.0-10
Customization		Available	Available