



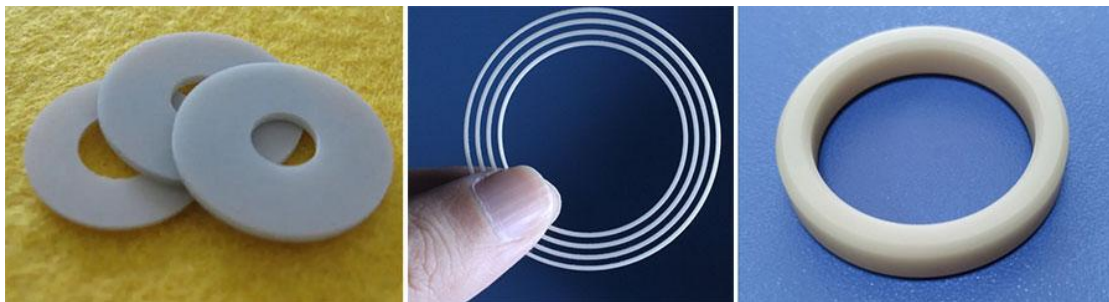
Aluminum Nitride Ring

Aluminum nitride is a high-performance material particularly suited to demanding electrical applications. Nextgen Advanced Materials supplies aluminum nitride ring with good quality and fast delivery. Customization is also available.

Product Description

You are welcomed to come to our factory to buy the latest selling, low price, and high-quality Nextgen Aluminum Nitride Ring. Aluminum nitride is a high-performance material particularly suited to demanding electrical applications. Aluminum nitride can be produced by dry press and sinter or by hot pressing with appropriate sintering aids, whose processes results in a material that is stable at high temperatures in a range of inert environments including hydrogen and carbon dioxide atmospheres.

Aluminum nitride ring is principally used in the electronics area, particularly when heat removal is an important function. Aluminum nitride properties also make it particularly useful in the creation of corrosion-resistant products. We can make different sizes of the rings as per the customer's demand.



Property of Aluminum Nitride

Item	Unit	Parameter
Thermal Conductivity	30°C W/m.k	≥170
Density	g/cm ³	3.335
Copper bonding capacity	N/cm ²	≥20N
Flexural strength	MPa	382.7
Dielectric constant	1MHz	8.56
Thermal conductivity of copper	W/m.K	385



Nextgen Advanced Materials INC

www.nexgematerials.com

Rockwell hardness	HRA	80-90
Surface roughness	μm	0.3~0.5
Warping degree	length‰	$\leq 2\text{‰}$