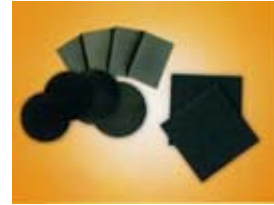


Nano-ALN Ceramic Powders

◆ Properties and features

This product possesses high purity, small and uniform particle diameters, large specific surface area, high surface activity, low loose loading density and good injection formation property, when ALN nanopowder is used to make composites, its interface compatibleness is good. It can improve mechanical properties, thermal conductive insulating properties of composites.



◆ Main applications

This product can be applied to make the integrate circuit subtract, electronic devices, optical devices, thermal emission devices, crucibles used at high temperatures, preparation of composites of metal matrixes and polymer matrixes, especially in the high temperature seal binders and electronic encapsulation materials, Nano-ALN will be substantially applied in future.



◆ Main parameters

This product was produced by the plasma arc vapor method.

Items	Purity	O	Crystal phase	Average particle size	Specific surface area	Bulk density	Color
AlN nanopowder	>99%	<0.8%	Hexagonal structure	50nm	75m ² /g	0.05g/cm ³	Off-white

◆ Notes

Please keep it in cool and dry rooms without solar light. The product cannot be in big compression. In the use process of Nano-ALN powders, in order to avoid the powder aggregating caused by absorbing moistness and thus affecting application effects, the Nano-ALN powder can not be exposed in air.