

LY-AIF125

Aerogel nano insulation film is specially processed to make aerogel film, solve the problem of heat balance in the narrow space of consumer electronic products, protect the weak heat resistant elements from thermal insulation, control and change the direction of thermal conduction, and improve the performance and service life of products.

Features

- Very low thermal transfer rate
- Thin film
- Non falling powder
- Easy to Die Cutting
- Compound with graphite sheet and copper foil
- Excellent insulation performance

Specifications

PROPERTIES	UNIT	DATA
Color	/	White
Thickness	μm	125
Thermal Conductivity	W/(m·K)	0.018 to 0.024
Temperature Endurance	°C	-40 to 150
Temperature resistance long term	°C	≤ 120
Dielectric Strength	KV/mm	≥ 4
Volume Resistivity	ohm·cm	1.0×10^{15}
Standard Roll Size	/	W:500mm or 1000mm; 100 m/R or 300m/R

Application

- AI
- Smartphones, Smartwatches, Smart home
- Flexible display
- LAPTOP

Regulation

RoHS Compliant, Halogen Free
and PFAS- Free

Storage

Store at room temperature in a dry environment.

DISCLAIMER:

Many factors beyond Longyoung's control and uniquely within user's knowledge and control can affect the use and performance of a longyoung product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application.

