

Technical Data Sheet

Product Description

EverTherm EVSR600-A-B Graphite Sheet is a synthetic graphite film with a unique layered structure and crystal orientation with super-conductivity in the planar direction. This high performing versatile material is wrapped with a white PET film which can be converted or cut into various shapes.



Applications

- ✓ Applications
- ✓ Mobile phones
- ✓ Notebook / Laptop Computers
- ✓ TV
- ✓ Thermal module
- ✓ Routers



EVSR600-A-B

Item	Test	Test method
Protective film color	Black	Visual
Total thickness (mm)	0.1mm	ASTM D374
Graphite substrate thickness (mm)	0.025	ASTM D374
Ingredient	Black PET film Artificial graphite	***
Insulating adhesive tape	Yes	***
Density (g/cm ³)	1.7 - 2.0	ASTM D792
Thermal Conductivity @XY(W/m.k)	1500	ASTM E1461
Thermal Conductivity @Z(W/m.k)	>30	ASTM E1461
Heat (J/g.k)	0.85	***
Proper temperature (°C)	-40 to 130	***
RoHS	PASS	IEC 62321
Halogen	PASS	EN14582
REACH	PASS	EN14372
Standard Sheet Size	150 x 150mm	

Test fixtures using ASTM D5470. Recorded values include interface thermal resistance. These values are for reference only. The actual application performance is directly related to the applied surface roughness, flatness and pressure.

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Note: The information provided herein is accurate at time of publication. It is the responsibility of the end-user to confirm compliance to their application. All test data is typical. Therefore, these recommendations and data are for reference only and not as a product warranty.