



Natural Graphite Material

6-20-0137

FEATURE & BENEFITS

- Anisotropic and medium to high thermal conductivity
- High thermal stability
- Lightweight
- Flexible and conformable
- RoHS compliant



APPLICATIONS

- Smart phone
- Notebook
- Ultrabook
- Tablet
- Other consumer electronics
- Optical communication equipments

JONES 6-20-0137 heat spreading materials are natural graphite sheet with high thermal conductivity and high flexibility. It is manufactured entirely from natural graphite flakes with no fillers or binders. It possesses unique functions such as eliminating hot spots, shielding components and reducing skin temperature of electronic devices. It is an ideal heat spreader for thermal management in limited space.

6-20 series is able to be supplied in sheets , rolls or die-cut form and can be laminated with plastics, foams and PSA.

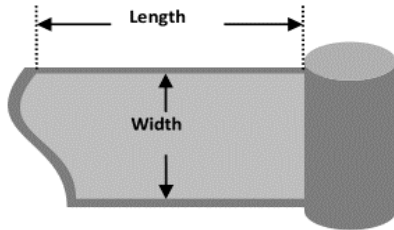
TYPICAL PROPERTIES

Properties		21-620-0137
Thermal	Thermal Conductivity In-plane (W/m-K)	≥ 350
	Continuous Working Temp (°C)	-40~400
Physical	Specific Heat @50°C (J/gk)	≥ 0.7
	Thickness (mm)	0.137±0.013
	Density (g/cm3)	≥ 1.5
Electrical	Electrical Conductivity (S/m)	1.5×10^4
Mechanical	Tensile Strength (Mpa)	≥ 1.5

PART NUMBER SYSTEM

6-20 - XXXX - YYYY

- ① 6-20-Product
- ② XXXX-Thickness
- ③ YYYY-Dimension



ORDERING INFORMATION

Standard Size

Part Number	Width (mm)	Length (m)
6-20-0137	600	10

HANDLING PRECAUTIONS

PRODUCT SAFETY INFORMATION
REQUIRED FOR SAFE USE IS NOT
INCLUDED IN THIS DOCUMENT.

BEFORE HANDLING, READ PRODUCT
SAFETY DATA SHEETS FOR SAFE USE,
PHYSICAL AND HEALTH HAZARD
INFORMATION. THE SAFETY DATA
SHEET IS AVAILABLE FROM YOUR
JONES SALES APPLICATION
ENGINEER, OR BY CALLING JONES
TECH CUSTOMERSERVICE.

LIMITED WARRANTY INFORMATION– PLEASE READ CAREFULLY

The information contained here in is
offered in good faith and is believed
to be accurate. However, because
conditions and methods of use of our
products are beyond our control, this
information should not be used in
substitution for customer's tests to
ensure that our products are safe,
effective, and fully satisfactory for
the intended end use. Suggestions of
use shall not be taken as in-
dications to infringe any patent.

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design and manufacturing challenges
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High Performance Materials &
Thermal Management Solutions
expertise, application knowledge and
experience to work for you.

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about our High performance
materials Solutions and capabilities,
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Disclaimer

- The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the issuing date of this TDS. When using our products, no matter what type of equipment they might be used for, be sure to make a written agreement on the specifications with us in advance. The design and specifications in this TDS are subject to change without prior notice.
- Do not use the products beyond the specifications described in this TDS. This TDS explains the typical performance of the products as individual component. Before use, check and evaluate their operations when installed in your products.
- The product provided in this TDS compliance with HSF.

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