

NASA TECH BRIEF



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Thermal Expansion Properties of Aerospace Materials

The thermal expansion properties of materials used in aerospace systems have been compiled into a single handbook. The data, presented in charts and tables, are arranged in two sections, one section covering cryogenic temperatures (to -423°F) and the other elevated temperatures (to 2000°F , or as applicable). The data were derived from experimental measurements, supplemented by information from various literature sources. Descriptions of test procedures and equipment and analyses of the measurements are included in the handbook.

Note:

Copies of the handbook may be obtained from:
Clearinghouse for Federal Scientific
and Technical Information
Springfield, Virginia 22151
Price \$3.00
Reference: TSP69-10055

Patent status:

No patent action is contemplated by NASA.
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