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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