

Announcement

ICTA CERTIFIED REFERENCE MATERIALS READY

Five ICTA-certified temperature standards for DTA-DSC are now being marketed by the U. S. National Bureau of Standards. Some, previously issued as Standard Reference Materials, were not available for some time, during which the packaging and issuing details were being worked out.

The first-issued sets, for 125–940 °C, are ten materials issued in three sets of five each. The lowest temperature set, GM-758, contains potassium nitrate, indium, tin, potassium perchlorate and silver sulfate. The highest temperature set, GM-760, contains quartz, potassium sulfate, potassium chromate, barium carbonate and strontium carbonate. An intermediate set, GM-759, is offered as a convenience; it contains the last two listed in GM-758 and the first three listed in GM-760.

Polystyrene has a well-defined glass transition. Material from a thoroughly characterized batch was taken for stability tests and eventual standardization. The material is issued as GM-754.

For sub-ambient use, four materials were standardized. This set, GM-757, uses the phase transition and the melting point of cyclohexane and the melting points of 1,2-dichloroethane, phenyl ether, and o-terphenyl.

These material are available from the *Office of Standard Reference Materials*, U. S. NBS, Washington, D. C., 20234. GM-754 is priced at \$ 60; GMs 757-8-9-60 are \$ 69. Anyone wishing to study the standardization procedure may purchase the certificate booklets alone. The 63-page certificate describing GMs 758-9-60 is \$ 5, the 38-page certificate for GM-754 and the 36-page certificate for GM-757 are each \$ 4. Send a check made out to the International Confederation for Thermal Analysis to the Committee on Standardization, ICTA, in care of *Prof. P. D. Garn*, *The University of Akron, Akron, OH 44325*.