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## Journal Article



## Thermal diffusivity and conductivity in low-conducting materials: A new technique

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**Abstract** A comparative method is presented, suitable to measure both thermal diffusivity and conductivity of low-conducting solids. The repeatability of the measurements of thermal conductivity is 3%, whereas for diffusivity is 6%. Data for some low-conducting materials are given, consistent with those reported in the literature.

**Key words** low-conducting materials - thermal conductivity - thermal diffusivity

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