

INVESTIGATIONS OF ISOBARIC THERMAL
CONDUCTIVITY OF SOLID SF₆

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S u m m a r y

High-temperature thermal conductivity of solid SF₆ in the temperature range 90 - 220 K is studied. It is found that isobaric thermal conductivity decrease by the $1/T$ law or more rapidly as temperature increases. The relationship between the temperature dependence of thermal conductivity and the influence of orientation motions of molecules on heat transport is discussed.