

ISOCHORIC THERMAL CONDUCTIVITY OF  
SOLID METHANE WITH KRYPTON IMPURITY

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S u m m a r y

Isochoric thermal conductivity of solid methane with Kr impurity is studied at temperatures  $40\text{ K} - T_m$  ( $T_m$  - melting temperature) on the samples with various densities, containing 1.1, 7.0 and 11.5 mol.% Kr. Thermal conductivity of the solid solution decreases with increasing impurity concentration and approaches its minimal value at a concentration of 11.5 mol.% Kr.