

Insertion of liquid Bi and Hg into one-dimensional channels of zeolite NaM. / A. A. Kapanadze, G. D. Tabatadze, M. S. Taktakishvili. / Nano Studies. – 2015. – # 11. – pp. 173-176. – rus.

The insertion of liquid metals Bi and Hg into one-dimensional channels of NaM to obtain one-atom conducting chains is experimentally studied. It is shown that, the metal partially leaves the channels after releasing the sample from external pressure. The graphical performance of the effects is presented and the corresponding experimental data are listed. X-ray structural analysis of the samples was carried out. Fig. 2, Tab. 1, Ref. 4.

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