

Material absorbing thermal and resonance neutrons. / N. V. Bagdavadze, A. V. Rustambekov, T. I. Zedginidze, T. G. Petriashvili. / Nano Studies. – 2015. – # 11. – pp. 211-214. – rus.

The technology of obtaining the material absorbing thermal and resonance neutrons has been developed. The material contains cadmium in the form of cadmium bromide, and additionally the liquid glass at the ratio of initial components: cadmium bromide 90.0 – 97.5 and liquid glass 2.5 – 10.0 wt. %. The mentioned material is intended for absorption of thermal and resonance neutrons in different nuclear-physical neutron sources. Fig. 2, Tab. 1, Ref. 2.

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