

ABSTRACT

VACUUM HEAT-INSULATING MATERIAL, HEAT-INSULATING BOX, AND
PRODUCTION METHOD OF VACUUM HEAT-INSULATING MATERIAL

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An object of the present invention is to provide a vacuum heat-insulating material, a heat-insulating box, and a production method of a vacuum heat-insulating material, in which a highly-breathable wrapping material is used to increase the gas absorbing speed within the vacuum heat-insulating material, and the heat-insulation performance is improved. A vacuum heat-insulating material 1 includes a core material 10 made of a fiber aggregate, an adsorbent 30 that adsorbs at least water, and an outer wrapping material 20 that covers the core material 10 and the adsorbent 30, in which the inside of the outer wrapping material 20 is depressurized and hermetically sealed. The adsorbent 30 is wrapped with a wrapping material 31 for the adsorbent 30 without using heat seal.

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FIG. 2