

Abstract

PROCESS FOR PREPARING A BLOCK OF POLYURETHANE/POLYISOCYANURATE FOAM OF A SLAB FOR HEAT-INSULATING A TANK

The present invention relates to a preparation of a block of fiber-reinforced polyurethane/polyisocyanurate foam in which the expansion of the foam is constrained by the walls of a double belt laminator forming a tunnel, the block of fiber-reinforced polyurethane/polyisocyanurate foam being composed of cells storing a gas, advantageously having low thermal conductivity, and exhibiting a density of less than 50 kg.m^{-3} with a content of fibers C_f representing at least 4% by weight of the block of fiber-reinforced foam, in which the impregnation time of the fibers t_i is less than the cream time t_c of the polyurethane/polyisocyanurate foam.

Figure to be published: 1