

Title (en)

REINFORCED LAMINAR PRODUCT OF A THERMOSETTING AMINOPLAST RESIN MIXTURE AND FIBROUS MATERIAL

Title (de)

VERSTÄRKT LAMINARE PRODUKTE AUS THERMISCH HÄRTBARER AMINOPLASTHARZMISCHUNG UND FASERMATERIAL

Title (fr)

PRODUIT LAMINAIRE RENFORCE D'UN MELANGE DE RESINE AMINOPLASTE THERMODURCISSABLE ET D'UNE MATIERE FIBREUSE

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Application

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Abstract (en)

[origin: EP1134074A1] The invention relates to a reinforced laminar product comprising 5 to 50 wt.% of fibrous material and 95 to 50 wt.% of a filler containing thermosetting aminoplast resin mixture as matrix, between a removable first carrier sheet and a removable second carrier sheet, wherein at least 60 wt.% of the fibrous material consists of chopped fibres having an average length in the range of from 10 to 100 mm, which are 2D-randomly distributed in the resin mixture, and wherein the free moisture content of the laminar product is less than 10 wt.%. The invention also relates to a sheet moulding compound (SMC) production process for manufacturing such product and to moulded parts prepared therefrom.

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