

Title (en)
FIBROUS MATERIAL IMPREGNATED WITH REACTIVE THERMOPLASTIC PREPOLYMER

Title (de)
MIT REAKTIVEM THERMOPLASTISCHEM PRÄPOLYMER IMPRÄGNIERTES FASERMATERIAL

Title (fr)
MATERIAU FIBREUX IMPREGNE DE PREPOLYMERES THERMOPLASTIQUE REACTIF

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Abstract (en)
[origin: WO2018234441A1] The present invention relates to an impregnated fibrous material comprising a fibrous material made of continuous fibres and at least one reactive thermoplastic prepolymer, and optionally a chain extender, characterised in that the at least one reactive thermoplastic prepolymer is partially polymerised, optionally with the chain extender, and has a number-average molecular weight (Mn) ranging from 500 to 10,000, preferably from 4000 to 8000, the proportion of fibres in the impregnated fibrous material being 45 to 65% by volume, preferably 50 to 60% by volume, and in particular 54 to 60%.

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