

Title (en)
COMPOSITE NONWOVEN FABRIC AND PROCESS FOR ITS MANUFACTURE

Title (de)
VERBUNDWERKSTOFFE UND VERFAHREN ZUR HERSTELLUNG

Title (fr)
TISSU COMPOSITE NON TISSE ET SON PROCEDE DE FABRICATION

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Application
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Abstract (en)
[origin: WO0149914A1] A composite nonwoven fabric manufactured by joining a fibrous web that comprises wood fibers, or a mixture of wood fibers and synthetic fibers, to a spunlaid or other nonwoven baseweb by means of a hydroentanglement process. The spunlaid nonwoven web, which may be made of a polyester such as a poly (ethylene terephthalate) or of a polyolefin such as polypropylene, is a less-than-fully bonded web, which may be produced by a method in which the thermal calendering is effected at lower than normal temperatures, in particular temperature lower than the melting point or softening point of the polymeric material from which the spunlaid nonwoven web is made. The strength of the composite fabric may be significantly greater than that of the spunlaid nonwoven web itself, in certain embodiments the base web contributes no more than about 45 % of the strength of the composite fabric.

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