

Title (en)
IMPROVED BINDER FIBER AND NONWOVEN WEB COMPRISING BINDER FIBER AND ABSORBENT

Title (de)
VERBESSERTE BINDEFASERN UND VLIESTOFF MIT BINDEFASERN UND ABSORBIERENDEM MATERIAL

Title (fr)
FIBRE DE LIAGE AMELIOREE ET NONTISSE COMPRENANT DES FIBRES DE LIAGE ET UN ABSORBANT

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Abstract (en)
Making suitable nonwoven webs requires good adhesion between the binder and the absorbent material. The present invention relates to a nonwoven web having improved adhesion based on tackifiers present in the binder. Optionally, the binder with tackifier may also contain an adhesion promoter, usually grafted polyolefins, and an enhancement agent, usually inactive inorganic compounds in powder form. The web comprises from about 5 to about 25% by weight binder fiber and from about 75 to 95% by weight absorbent. The absorbent may be a natural absorbent or a super absorbent polymer or a combination of these. The binder fiber contains less than about 40% by weight tackifier. Tackifier is selected from the class of rosin, rosin esters, terpene based, piperylene based, and hydrocarbon based compounds.

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