

Title (en)

NONWOVEN COMPOSITE INCLUDING AN APERTURED ELASTIC FILM AND METHOD OF MAKING

Title (de)

VLIESVERBUNDSTOFF MIT EINER PERFORIERTEN ELASTISCHEN FOLIE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

COMPOSITE NON TISSÉ COMPRENANT UN FILM ÉLASTIQUE OUVERT ET PROCÉDÉ DE FABRICATION

Publication

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Application

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Abstract (en)

[origin: WO2011080643A2] An elastic nonwoven composite that contains an elastic film laminated to one or more nonwoven web materials is provided. The composite is formed by passing an extrusion-coated film/nonwoven laminate through a nip to create apertures through both the film and the nonwoven. The apertures are of a size sufficient to provide a desired level of texture, softness, hand feel, and/or aesthetic appeal to the composite without having a significant adverse effect on its elastic properties. Apertures are accomplished in the present invention by selectively controlling certain parameters of the lamination process, such as film content, element pattern, degree of film tension, temperature and pressure conditions, and so forth.

IPC 8 full level

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