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(54) Title (EN): COMPOSITE SHEET MATERIAL

(54) Title (FR): MATERIAU COMPOSITE EN FEUILLE

(57) Abstract:

(EN): A moisture vapor permeable, substantially liquid impermeable composite sheet material comprising a moisture vapor permeable monolithic polymeric film having a first side and a second side, a first nonwoven layer comprising a moisture vapor permeable powder-bonded nonwoven layer, said powder-bonded layer comprising a nonwoven web of fibers, wherein greater than 95 weight percent of the fibers in the nonwoven web are compatible with said polymeric film, said first nonwoven layer being adhered to the first side of the polymeric film by extrusion of said film onto said first nonwoven layer, and an optional second moisture vapor permeable nonwoven layer adhered to the second side of the film.

(FR): Matériau composite en feuille, perméable à la vapeur et l'humidité et sensiblement imperméable aux liquides, qui comprend un film polymère monolithe perméable à la vapeur et l'humidité qui possède un premier et un deuxième côtés, une première couche non tissée comprenant une couche non tissée perméable à la vapeur et l'humidité et liée par poudre, ladite couche liée par poudre comprenant un tissu de fibres non tissées dans lequel plus de 95 % en poids des fibres dans le tissu non tissé sont compatibles avec ce film polymère, ladite première couche non-tissée étant collée au premier côté du film polymère par l'extrusion dudit film sur la première couche non tissée, et éventuellement une deuxième couche non tissée, perméable à la vapeur et l'humidité, collée au deuxième côté du film.

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