

Title (en)
MELT-BLOWN NONWOVEN FABRIC

Title (de)
SCHMELZGEBLASENER VLIESSTOFF

Title (fr)
NON-TISSE DE FUSION-SOUFFLAGE

Publication
EP 1349973 A2 20031008 (EN)

Application
EP 01272295 A 20011221

Priority
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Abstract (en)
[origin: WO02052084A2] A melt-blown nonwoven fabric of the present invention is formed from an ethylene-(meth)acrylic acid copolymer having a melt flow rate of 50 to 1000 g/10 min measured at 2.16 kg load and at a temperature of 190 degrees in accordance with ASTM D1238, and a content of acrylic acid or methacrylic acid unit of 2 to 25 weight %. The nonwoven fabric has the sum of values of (tensile strength (g/5 cm))/(basis weight (g/m²)) in machine direction and cross direction of 30 to 100, and a residual strain after 50% extension of no more than 20%, and is excellent in gas permeability, elasticity and moreover moderate strength. The nonwoven fabric is suitable for elasticized fabric components, packaging materials, laminates, etc.

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IPC 8 full level
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