

Title (en)

SULFONATED SUBSTANTIALLY RANDOM INTERPOLYMER-BASED ABSORBENT MATERIALS

Title (de)

ABSORBIERENDE MATERIALIEN AUS SULFONIERTEN NAHEZU STATISTISCHEN COPOLYMEREN

Title (fr)

MATIERES ABSORBANTES A BASE D'INTERPOLYMERES SULFONES SENSIBLEMENT ALEATOIRES

Publication

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Application

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Abstract (en)

[origin: WO0209781A2] The present invention pertains to absorbent polymer composition comprising A) one or more sulfonated substantially random interpolymers comprising repeating units derived from; f) ethylene and/or one or more alpha olefins; g) one or more sulfonated vinyl or vinylidene aromatic monomers; h) one or more vinyl or vinylidene aromatic monomers, or a combination of one or more vinyl or vinylidene aromatic monomers and one or more sterically hindered aliphatic or cycloaliphatic vinyl or vinylidene monomers; and optionally B) one or more polymers other than said sulfonated substantially random interpolymers. Uses of the compositions include the preparation of absorbent foams, fibers films and membranes for the preparation of absorbent articles for personal hygiene. These include diapers, sanitary napkins adult incontinence pads, and highly absorbent wipes, and dust pickups.

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