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ABSTRACT



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5 **PROCESS FOR MANUFACTURING FILMS BY TUBE BLOW COEXTRUSION**

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10 **Company known as:** ATOFINA
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20 The present invention relates to a process for
manufacturing a film comprising at least one layer of a
polymer chosen from thermoplastic fluoropolymers and
polymers (A), in which blow extrusion process:

- 25 • the following are coextruded:
- a) either at least one layer of a thermoplastic
fluoropolymer and at least one layer of a
polymer (A),
 - 30 b) or at least one layer of a thermoplastic
fluoropolymer containing fillers and optionally
at least one other fluoropolymer layer,
 - c) or at least one layer of a polymer (A),
the layers extruded in a), b) or c) adhering to
one another,
 - 35 d) a layer of another thermoplastic polymer (B)
so that it forms a layer adjacent to the
combination of the layers extruded in a), b) or
c),

e) optionally, another layer of (B) adjacent to the combination of the layers extruded in a), b) or c), on the opposite side from the layer extruded in d);

- 5 • the thermoplastic polymer (B) being incompatible with the fluoropolymer and the polymer (A) and possesses an extrudate strength sufficient to support the layers of fluoropolymer and/or of polymer (A);
- 10 • after the coextrudate has been cooled, at least the film comprising at least one layer of a polymer chosen from thermoplastic fluoropolymers and the polymers (A) is recovered by separation from the layer(s) of (B).