

Title (en)
MULTILAYER FILM RESISTANT TO LINEAR TEAR PROPAGATION

Title (de)
EINE LINEAR WEITERREIßBARE MEHRSCHICHTFOLIE

Title (fr)
FEUILLE MULTICOUCHE À PROPAGATION DE DÉCHIREMENT LINÉAIRE

Publication
EP 2988933 A1 20160302 (DE)

Application
EP 13722677 A 20130425

Priority
EP 2013001242 W 20130425

Abstract (en)
[origin: WO2014173423A1] The present invention relates to a multilayer film comprising a layer sequence made of (a) a layer (a) composed of at least one polyethylene of low density in the range from 0.915 to 0.935 g/cm³ or of a mixture of (α) at least one polyethylene of relatively low density in the range from 0.915 to 0.935 g/cm³ and of (β) at least one aliphatic C3-C6 olefin homo- or copolymer, (b) a layer (b) composed of a mixture of I at least one polyethylene of low density in the range from 0.915 to 0.935 g/cm³ and II of at least one thermoplastic polymer selected from the group comprising polystyrenes and styrene copolymers, (c) a layer (c) composed of at least one polyethylene of low density in the range from 0.915 to 0.935 g/cm³ or of a mixture of (α) at least one polyethylene of low density in the range from 0.915 to 0.935 g/cm³ and of (β) at least one aliphatic C3-C6 olefin homo- or copolymer, where the tear propagation force of the multilayer film both in machine direction and perpendicularly to machine direction is at most 1000 mN, determined for a total film thickness of 50 µm in the Elmendorf test in accordance with DIN EN ISO 6383-2.

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