

## 10 results for 22 AND ETHYLENE AND (SEAL+ F LAYER) AND LAMINATE AND POLYPROPYLENE AND COHESIVE AND HEAT AND STABILITY - Collection: FAMPAT

| #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Title                                                                                        | Publication number | 1st app. date | Applicant/Assignee   | 1st publ. date | Publ. date |
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| 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Sealant for polypropylene and easily openable hermetically sealed package including the same | KR20020048906      | 2000-12-18    | MITSUI CHEMICALS*    | 2002-06-24     | 2002-06-24 |
| <p>A sealant for polypropylene consisting essentially of a composition comprising a high-pressure-processed low-density polyethylene (A) having a density of 910 to 930 kg/m&lt;3&gt; and an MFR of 0.5 to 20 g/10 min; and an ethylene/ alpha -olefin copolymer (B) having a density of 860 to less than 890 kg/m&lt;3&gt;, an MFR of 0.5 to 40 g/10 min and an Mw/Mn of 1.5 to 3, and/or a linear low-density polyethylene (C) having a density of 890 to 940 kg/m&lt;3&gt; and an MFR of 0.2 to 30 g/10 min. In this composition, the component (A) is contained in an amount of 10 to 85% by weight, the component (B) in an amount of 50% by weight or less, and the component (B) and component (C) in a total amount of 15 to 90% by weight, based on the total weight of components (A), (B) and (C) . This composition exhibits an MFR of 1 to 15 g/10 min and a melt tension measured at 190 DEG C of 5 to 100 mN. Further, there is provided an easily openable hermetically sealed package comprising a laminate having a double layer structure such that one side of a sealant layer consisting essentially of the above sealant is overlaid with a resin layer of polypropylene. The invention realizes a sealant for polypropylene, which enables reducing the neck-in at extrusion laminating, which is excellent in the bubble stability at inflation molding and which enables producing an easily openable hermetically sealed package exhibiting such a sealing strength as permits easily opening of a hermetically sealed package comprising polypropylene as an adherend. Thus, such an easily openable hermetically sealed package is provided by the invention.</p> |                                                                                              |                    |               |                      |                |            |
| 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Polypropylene composition and laminated and oriented film therefrom                          | CA2165889          | 1995-12-14    | SUMITOMO CHEMICAL*   | 1996-06-23     | 1996-06-23 |
| <p>A polypropylene composition for a laminated and oriented film comprising (A) 73 to 97 % by weight of a crystalline propylene random copolymer having a propylene content of 60 to 97 % by weight, an ethylene content of 0 to 6 % by weight and an alpha -olefin content of 3 to 40 % by weight, (B) 2.5 to 17 % by weight of a propylene- alpha -olefin random copolymer having a propylene content of 35 to 75 % by weight and an alpha -olefin content of 25 to 65 % by weight, and (C) 0.5 to 10 % by weight of a crystalline propylene polymer. A polypropylene composition for a laminated and oriented film being film-formed for a long time without hurting a transparency and a low temperature heat-sealing property and having an excellent solvent resistance and an excellent hot-tack property, and a laminated and oriented film having this composition on a surface layer are provided.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                              |                    |               |                      |                |            |
| 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Resin composition and laminate using it                                                      | JP2002105259       | 2000-09-28    | TOPPAN PRINTING*     | 2002-04-10     | 2002-04-10 |
| <p>PROBLEM TO BE SOLVED: To provide a polypropylene resin composition giving a easy-peelable tiler which has workability, thermostability and a low-temperature sealing property, and a laminate using it. SOLUTION: The resin composition consists of (resin A) a long chain branched homo or brock polypropylene resin, MI(melt index)=10-50 g/10 min, (resin B) a low-crystallized copolymer resin which consists of ethylene and 3 or more C α-olefin and of at least two or more component and of which the density is 0.1-0.91 g/cm3, (resin C) polystyrene resin, and (resin D) a graft resin composed by grafting a polystyrene resin to a polypropylene resin; resin A+resin 50-99 wt.%, resin 1-50 wt.%, resin 0-20 pts.wt. based on 100 pts.wt. total amount of A, B and C. The laminate is composed of the composition into sealant.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                              |                    |               |                      |                |            |
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| 4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Co-extruded unstretched laminated film for the lid                                           | JP2018162073       | 2017-03-24    | MITSUBISHI CHEMICAL* | 2018-10-18     | 2018-10-18 |
| <p>PROBLEM TO BE SOLVED: High gas barrier properties, antifogging properties and the hermetically sealed food tray and both a property, the stack tray and the lid member without stretching trace does not remain co-extrusion provides for the laminate film. SOLUTION: At least the outer layer, the intermediate layer, and the inner layer in a laminate film, an outer layer and a polypropylene-based resin and a polystyrene-layer comprising a polyolefin copolymer resin, polystyrene or polypropylene-based resin layer-polyolefin copolymer resin layer are respectively 1 has one or more layers, wherein the intermediate layer is ethylene-vinyl acetate copolymer or a poly adipamide Saponification has a gas barrier layer-based resin, wherein the inner layer comprises a polyolefin resin and an antifogging agent has a heat seal layer, a total thickness of the film and 20 μm or more 60 μm or less. SELECTED DRAWING: Fig. 1</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                              |                    |               |                      |                |            |
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7.

Film for deep drawing molding, bottom material for deep drawing package, and deep drawing package

JP2014019006

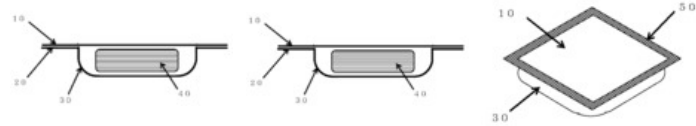
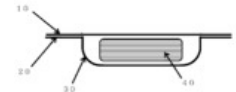
2012-07-15

MITSUBISHI PLASTICS\*

2014-02-03

2014-02-03

PROBLEM TO BE SOLVED: To provide a film for deep drawing molding in which **heat seal** with a nonwoven cloth of a high density polyethylene can be performed, and that has favorable openability.SOLUTION: A coextrusion multilayer film for deep drawing molding includes: a polyamide resin (PA) **layer**; a **seal layer** in which **heat seal** can be performed with a polyethylene made nonwoven cloth or a disinfection sheet at 135°C or lower; and an easy-peel **layer** that has a delamination property with the **seal layer**. A bottom material for deep drawing package is formed by the coextrusion multilayer film for deep drawing molding, and a deep drawing package uses the bottom material for package, and uses a polyethylene made nonwoven cloth or a disinfection sheet as a lid material for a deep drawing package.



8.

Resin composition, lid material for easily-openable container, and easily-openable container

JP2018127556

2017-02-09

MCPP INNOVATION\*

2018-08-16

2018-08-16

PROBLEM TO BE SOLVED: To provide a resin composition capable of forming a **seal layer** which is excellent in high-speed moldability at the time of extrusion **laminated** molding, has easy openability due to cohesion detachment, has a sufficiently high **heat seal** strength and is excellent in easy openability and peeling appearance.SOLUTION: A resin composition contains the following components (A) to (D), and preferably contains 3-55 mass% of the component (A), 3-50 mass% of the component (B), 25-75 mass% of the component (C), and 10-45 mass% of the component (D) with respect to 100 mass% of the total of the components. Component (A): a polyethylene resin; component (B): a propylene polymer having a branch structure in the molecule; component (C): a **polypropylene** resin other than the component (B); and component (D): an **ethylene- $\alpha$ -olefin** copolymer.SELECTED DRAWING: None

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9.

Laminated body

JP2002361798

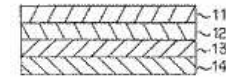
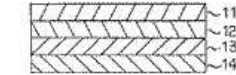
2001-06-07

TOPPAN PRINTING\*

2002-12-18

2002-12-18

PROBLEM TO BE SOLVED: To provide a laminated body which can be bonded together only by means of an extrusion lamination method. SOLUTION: Two resin layers which are the first **layer** (13) which is a **layer** consisting of a polyolefin resin or a polyethylene- $\alpha$ -olefin copolymer resin with a density of 0.850-0.925 g/cm<sup>3</sup> , at least one melting point at 105 deg.C or lower and a melting **heat** capacity of 10-70 J/g and in which the resin is a polyethylene elastomer or a polyethylene plastomer or a modified product thereof with an acid anhydride, and the second **layer** (14) consisting of a resin composition constituted of a **polypropylene** resin (resin A), a resin incompatible with the resin A (resin B) and a resin functioning as a compatibilizing material for the resin A and the resin B (resin C) are stacked.



Packaged food portions, such as food slices, consisting of two or more food items, such as peanut butter and jelly, and processes for making them. The food portion is provided with sufficient viscosity and textural properties to enable its formation into a **cohesive** mass which can be extruded while maintaining the individual identity and organoleptic attributes of each food item within the food portion. The food portion may be shaped into a slice or other configuration prior to or during its encasing within a flexible packaging material. Product formulations which provide for minimal moisture migration between the different food items within the food portion and for optimum product **stability**, as well as processes and methods for providing and processing these formulations, are also disclosed.

