

Title (en)

POLYSTYRENE FOAM SHEET FOR FORMING DEEP DRAWN ARTICLES, AND THE DEEP DRAWN ARTICLES MADE THEREFROM

Title (de)

SCHAUMFOLIE AUS POLYSTYROL ZUR HERSTELLUNG TIEFGEZOGENER FORMTEILE, UND DARUS HERGESTELLTE TIEFGEZOGENE FORMTEILE

Title (fr)

FEUILLE DE MOUSSE DE POLYSTYRENE DESTINEE AU FORMAGE PROFOND D'ARTICLES, ET ARTICLES AINSI FORMES A PARTIR DE LADITE FEUILLE

Publication

EP 0912333 A4 20010228 (EN)

Application

EP 97925460 A 19970506

Priority

- US 9707595 W 19970506
- US 64353696 A 19960506

Abstract (en)

[origin: WO9742025A1] A polystyrene foam Sheet (A) for thermoforming deep drawn articles. The polystyrene foam sheet contains 0.5 to 15 wt.% of a rubber component, from 0.5 to 2.0 wt.% of a nucleating agent, has a uniform thickness of from 0.060 to 0.250 inches with a tolerance of +/- 0.10 inches, a density in the range of 4 to 18 lb/ft³, and an average cell size of 0.12 to 0.34 mm. Optionally, one or more films (22) may be extrusion coated or laminated to the foam sheet prior to thermoforming. The resulting deep drawn articles have draw ratios greater than 1.0, have good heat insulation capacity with an attractive appearance.

IPC 1-7

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- [Y] EP 0411923 A2 19910206 - DOW CHEMICAL CO [US]
- [A] US 5422378 A 19950606 - VO CHAU V [FR]
- See references of WO 9742025A1

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