

F-7251(7316)-L

- 19 -

Abstract

Readily castable high density polyethylene (HDPE) films, preferably containing broad molecular weight distribution HDPE resin having treated upper skin layers and untreated lower skin layers, preferably coextruded, on each side. The treated upper skin layer is derived from a polymer; e.g., ethylene-propylene-butane-1 terpolymer, and the lower skin layer is derived from a polymer such as ethylene-propylene-butane-1 terpolymer and LDPE compounded with silicone oil. Such skin layers provide a film which is readily castable while maintaining the desirable properties of HDPE including dead fold, twist retention, TD tear and moisture barrier. The films are cast, and oriented in the solid state up to about two times in the machine direction and six times or more in the transverse direction to give films having good dead-fold characteristics making them highly suited for packaging, particularly for dry foods.

---

This Sheet Has Been Replaced