[0008] In one aspect, the present invention provides heat shrink label comprising a core layer having an upper surface and a lower surface, the core comprising a blend of (A) about 35% or less of an alpha-olefin copolymer comprising a copolymer of a ethylene or propylene and an alpha-olefin; (B) about 60% or more of a polyolefin; and (C) the balance being an olefin homopolymer; a first skin layer disposed about the upper surface of the core layer; and a second skin layer disposed about the lower surface of the core layer.

[0009] The film may have a shrinkage of at least about 30%. The films have good shrinkage and avoid end puckering. Additionally, the films are printable, even with gravure printing.

[0009a] In another aspect, the present invention provides an article encapsulated with the multilayer shrink film as disclosed herein.

BRIEF DESCRIPTION OF THE DRAWINGS

[0010] FIG. 1 is a cross-sectional view of a label in accordance with an embodiment of the present invention; and

[0011] FIG. 2 is a cross-sectional view of a label in accordance with an embodiment of the present invention.

DETAILED DESCRIPTION OF THE INVENTION

[0012] The present invention provides multilayer shrink films and labels produced therefrom. The films and labels may exhibit a shrinkage of greater than 30% and are suitable to encapsulate a wide range of articles including, but not limited to batteries.

[0013] In accordance with aspects of the present invention, a multilayer shrink film comprises a core layer and skin layers disposed on opposing surfaces of the core layer. The shrink film may comprise additional layers as may be desired including tie layers, adhesive layers, etc. As shown in FIG. 1, a shrink film 100 in accordance with one embodiment of the present invention may comprise a core layer 110