

ABSTRACT

POLYETHYLENE-BASED THERMALLY-SHRINKABLE MULTILAYER FILM FOR
PACKAGING, AND PACKAGE AND PACKAGING METHOD THEREFOR

There is provided a polyethylene-based thermally-shrinkable film for pack-in box
5 packaging, in which: a product is not damaged due to breakage or looseness of a film
during packaging and transportation of the product; because of the low-temperature
shrink characteristic, the product is not exposed to excessively high heat during shrink
wrapping and power consumption in a shrink tunnel can be reduced; and because of a
small thickness of the film, garbage and other wastes can be reduced.

10 A polyethylene-based multilayer film, the film is a polyethylene-based
thermally-shrinkable multilayer film for pack-in box packaging obtained by biaxial
orientation in MD and TD and stretching in MD only further after biaxial orientation.
Preferably, the film is a polyethylene-based thermally-shrinkable multilayer film for
pack-in box packaging in which the film as a whole has a thickness of 25 μm or less.

15 FIG. 1