

MULTILAYER FILMS, METHODS OF MANUFACTURE THEREOF AND ARTICLE S
COMPRISING THE SAME

Abstract

Disclosed herein is a multilayered article comprising a core layer comprising a thermoplastic polymer; where the thermoplastic polymer comprises a polyolefin, thermoplastic starch, and a compatibilizer; where the compatibilizer does not contain ethylene acrylic acid; where the polyolefin is not polypropylene and where the polyolefin present in an amount of greater than 40 wt%, based on a total weight of the core layer; a first layer comprising a thermoplastic resin; and a second layer comprising a thermoplastic resin; where the first layer and the second layer are devoid of fillers; where the first layer is disposed on a side of the core layer that is opposed to the side that contacts the second layer; where the multilayered article has an optical clarity of greater than 80% when measured as per ASTM D 1746 and a total haze less than 8% when measured as per ASTM D 1003.

(Figure 1)