

FUNCTIONALIZED BLOCK COMPOSITE AND CRYSTALLINE BLOCK COMPOSITE COMPOSITIONS

Abstract

5

The invention provides functionalized block composites and crystalline block composites. In particular, the invention provides a functionalized olefin-based polymer formed from at least (A) and (B): (A) a crystalline block composite comprising: a block copolymer comprising a propylene-based crystalline block and
10 crystalline ethylene-based block; a propylene-based crystalline polymer; and, a crystalline ethylene-based polymer; and (B) at least one functionalization agent or a functionalized olefin-based polymer formed from at least (A) and (B): (A) a crystalline block composite comprising: a block copolymer comprising a propylene-based crystalline block and crystalline ethylene-based block; a propylene-based
15 crystalline polymer; and, a crystalline ethylene-based polymer; and (B) at least one functionalization agent.

(No suitable figure)