CLAIMS:

1. A composition comprising a functionalized olefin-based polymer formed from at least (A) and (B):

(A) a block composite comprising:

i) a block copolymer comprising a crystalline propylene-based block and an ethylene/α-olefin block;

ii) a crystalline propylene-based polymer; and,

iii) an ethylene/α-olefin polymer; and

(B) at least one functionalization agent.

2. The composition of Claim 1 wherein the functionalization agent is selected from silane, maleic anhydride, peroxide, and amine.