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(54) Title: THERMOPLASTIC COMPOSITIONS OF INTERPOLYMERS OF ALPHA–OLEFIN MONOMERS WITH ONE OR MORE VINYL OR VINYLIDENE AROMATIC MONOMERS AND/OR ONE OR MORE HINDERED ALIPHATIC OR CYCLOALIPHATIC VINYL OR VINYLIDENE MONOMERS BLENDED WITH ENGINEERING THERMOPLASTICS

(57) Abstract

The present invention relates to a blend of polymeric materials comprising: (A) of from 1 to 80 percent by weight (based on the combined weights of Components A and B) of at least one substantially random interpolymer; wherein said interpolymer; (1) contains of from 0.5 to 50 mole percent of polymer units derived from; (a) at least one vinyl or vinylidene aromatic monomer, or (b) at least one hindered aliphatic or cycloaliphatic vinyl or vinylidene monomer, or (c) a combination of at least one vinyl or vinylidene aromatic monomer and at least one hindered aliphatic or cycloaliphatic vinyl or vinylidene monomer; (2) contains of from 50 to 99.5 mole percent of polymer units derived from at least one aliphatic α–olefin having from 2 to 20 carbon atoms; (3) has a melt index (I_2) of from 0.01 to 100 g/10 min; and (4) has a molecular weight distribution (M_w/M_n) of from 1.5 to 20; (B) of from 20 to 99 weight percent based on the combined weights of Components A and B of one or more engineering thermoplastics.