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(54) Title: POLYPROPYLENE-BASED ADHESIVE COMPOSITIONS

(57) Abstract: An adhesive blend is described that can include a semi-crystalline copolymer of propylene and at least one comonomer selected from the group consisting of ethylene and at least one C_4 to C_{20} α-olefin, the copolymer having a weight average molecular weight (Mw) from about 15,000 to about 200,000; a melt index (MI) from about 7dg/min to about 3000 dg/min as measured by ASTM D 1238(B), and a (Mw/Mn) of approximately 2. Various production processes are also described. Also described are adhesive compositions and methods for making adhesive compositions having polymers or polymer blends with melt flow rates (MFRs) equal to and above 250 dg/min at 230NC. Certain specific embodiments of the invention involve the use of a free radical initiator, e.g., a peroxide.