

ABSTRACT

A novel unsaturated copolymer of ethylene comprises a random copolymer of (i) ethylene, (ii) an α -olefin of 3 to 20 carbon atoms and (iii) at least one straight chain or
5 branched chain nonconjugated triene or tetraene having one vinyl group in the molecule, which contains 30 - 92 % by mol of ethylene units (i), 6 - 70 % by mol of α -olefin units (ii) and 0.1 - 30 % by mol of triene or tetraene units (iii), and which has a molar ratio of ethylene units
10 (i) to α -olefin units (ii) of 40/60 to 92/8 (ethylene units (i)/ α -olefin units (ii)) and an intrinsic viscosity (η), measured in Decalin at 135 °C, of 0.05 to 10 dl/g. This novel unsaturated copolymer of ethylene is excellent in weathering resistance, heat resistance and ozone resistance
15 and has a high vulcanizing rate.