

ABSTRACT

The present invention provides polymers having any one of properties including affinity for metals or polar resins, impact resistance, mar resistance, heat resistance, rigidity, oil resistance, transparency, anti-fogging properties, electric insulating properties, high breakdown voltage, coating properties, low-temperature flexibility, moldability, environmental degradation, fluidity and dispersibility, and provides a process for preparation thereof.

10 The olefin block copolymers (A-1) of the invention are represented by the formula (I) $PO^1 - g^1 - B^1 \dots (I)$ (wherein PO^1 is a segment composed of repeating units derived from an olefin having 2 to 20 carbon atoms, g^1 is an ester, ether, amide, imide, urethane, urea, silylether or carbonyl linkage, 15 and B^1 is a segment containing an unsaturated hydrocarbon or a hetero atom). The olefin block copolymers are suitable for uses in adhesives; various molded articles such as construction and civil engineering materials, automobile interior and exterior materials, gasoline tanks, electric and electronic 20 parts, medical care and sanitation materials, materials of miscellaneous goods, resin materials having environmental degradation properties, films and sheets; modifiers and dispersions.