

ABSTRACT

PROPYLENE-BASED copolymer, PROCESS FOR PRODUCING THE SAME
AND FILM COMPRISING THE SAME

A propylene-based copolymer obtained by copolymerizing propylene with ethylene and/or an α -olefins having 4 or more carbon atoms in the presence of a polymerization catalyst in a first step to produce a copolymer having a content of the α -olefins of 1 mol% or more and less than 15 mol% and an ethylene content of 5 mol% or less in amount of 1 to 30 % by weight as a copolymer component (A), and subsequently copolymerizing propylene with ethylene and/or an α -olefins having 4 or more carbon atoms in a second step or later steps to produce a copolymer having a content of the α -olefins of 15 to 30 mol% and an ethylene content of 5 mol% or less in amount of 70 to 99 % by weight as a copolymer component (B).