ABSTRACT OF THE DISCLOSURE

PROPYLENE-ETHYLENE RANDOM COPOLYMER, PROCESS FOR PRODUCING THE SAME AND FILM THEREOF

A propylene-ethylene random copolymer obtained by copolymerizing propylene with ethylene in the absence of a liquid medium, substantially, with a catalyst comprising:

(A) a solid catalyst component containing magnesium, titanium, a halogen and an electron donor as an essential component,

(B) an organoaluminum compound and

(C) an electron donative compound,

wherein (1) an ethylene content (E) of the copolymer is from 3.5 to 7.0% by weight and (2) a content of a xylene-soluble portion at 20°C (D) of the copolymer satisfies D ≤ E + 2.0 (% by weight).B) is from 0.15 to 1.0, and a film thereof. According to the present invention, there can be provided a propylene-ethylene random copolymer giving a film having an excellent appearance (little bleed whitening) and an excellent balance between low-temperature heat-sealing property and rigidity.

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