

ABSTRACT OF THE DISCLOSURE

PROPYLENE-BASED BLOCK COPOLYMER PARTICLES

Propylene-based block copolymer particles in accordance with the present invention are obtained by
5 copolymerizing ethylene and propylene to form an ethylene-propylene copolymer in the presence of propylene polymer particles. The ratio of the intrinsic viscosity η_A of a 20°C xylene-soluble component of the copolymer particles to the intrinsic viscosity η_B of a 20°C xylene-insoluble
10 component of the copolymer particles, η_A/η_B , is 2.9 to 7.5. The content of the ethylene - propylene copolymer is 5 to 50 wt.% on the basis of the total weight of the block copolymer particles. The ethylene content of the ethylene - propylene copolymer is 20 to 55 wt.% on the basis of the weight of the
15 ethylene - propylene copolymer. The standard deviation of the ethylene contents of the individual block copolymer particles is less than 7.

Figure 1