ABSTRACT OF THE DISCLOSURE

PROPYLENE-BASED POLYMER AND INJECTION MOLDED ARTICLE MADE OF THE SAME

Disclosed are a propylene-based polymer and an injection molded article made of the propylene-based polymer, both of which are superior in transparency and impact resistance wherein the propylene based polymer satisfies requirements (a) and (b) defined below:

(a) the proportion of a fraction soluble in xylene at 20°C (CXS) relative to the whole propylene-based polymer is from 5 to 20% by weight; and

(b) the CXS has a molecular weight distribution (Mw/Mn), as measured by gel permeation chromatography, of 6 or more wherein Mw indicates a weight average molecular weight and Mn indicates a number average molecular weight. Also disclosed are a propylene-based resin composition and an injection molded article made of the composition, the composition comprising 100 parts by weight of the above propylene-based polymer and 0.001-2 parts by weight of a nucleating agent.

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