

ABSTRACT

A styrenic polymer having a highly syndiotactic configuration (SPS) is herein disclosed in which the weight-
5 average molecular weight of the styrenic polymer is in the range of 1×10^4 to 2×10^6 and in which the weight fraction of an extract extracted with methylene chloride from a gel obtained by dissolving the styrenic polymer in 1,2,4-trichlorobenzene and then cooling the solution is 10% by
10 weight or less, and a molded article comprising the SPS is also disclosed.

According to the present invention, there can be provided a styrenic polymer having a syndiotactic configuration (SPS) which permits the formation of stretched films
15 having a high breaking strength and the formation of molded articles having a high Izod impact strength, a high heat deformation temperature and a high breaking strength under long-term heating and inhibiting the deterioration of the surface gloss of the molded articles, even if the molded
20 articles are intermittently or continuously used at a high temperature.