

ABSTRACT

A styrene resin excellent in heat resistance, weatherability, melt stability, and suitability for recycling. It is a styrene copolymer obtained by living polymerization ($M_w/M_n = 1.6-4.0$) which comprises isopropenylaromatic units (A) contained in an amount of 5 to 95 wt.% and vinylaromatic units, and has a glass transition temperature (T_g) which satisfies a specific relationship defined by the content of isopropenylaromatic units (A) in the copolymer.