

Abstract

A styrenic monomer-diolefin copolymer comprises polystyrenic monomer micro-blocks and polydiolefin micro-blocks, in which the content of styrenic monomer units is 10-80wt%, the ratio
5 of diolefin units of 1,2-structure is less than 30% in the total diolefin units, and the number-average molecular weight (M_n) of the copolymer is 25,000-500,000. The preparation methods and uses in foam products thereof are also disclosed.