

Elastic particle made from foam based on polyolefin/styrol polymer mixtures

Abstract

- 5 Expandable, thermoplastic polymer bead material, comprising
 - A) from 45 to 98.8 percent by weight of a styrene polymer,
 - B1) from 1 to 45 percent by weight of a polyolefin whose melting point is in the range from 105 to 140°C,
 - 10 B2) from 0 to 25 percent by weight of a polyolefin whose melting point is below 105°C,
 - C1) from 0.1 to 9.9 percent by weight of a styrene-butadiene block copolymer,
 - C2) from 0.1 to 9.9 percent by weight of a styrene-ethylene-butylene block copolymer,
 - 15 D) from 1 to 15 percent by weight of a blowing agent,
 - E) from 0 to 5 percent by weight of a nucleating agent

where the entirety of A) to E) gives 100% by weight, and also processes for production of the same, and use for the production of elastic molded-foam moldings.