

ABSTRACT

FOAMED AND EXPANDED BEADS OF CROSSLINKED ALIPHATIC POLYESTER
RESIN, METHOD FOR THE PRODUCTION THEREOF AND FOAMED MOLDING
OBTAINED THEREFROM

Foamed and expanded beads of a crosslinked aliphatic polyester resin having a gel fraction of at least 5 % by weight. The expanded beads may be obtained by crosslinking beads of a non-crosslinked aliphatic polyester resin with a crosslinking agent including an organic peroxide to obtain crosslinked resin beads having a gel fraction of at least 5 % by weight, and then expanding the crosslinked resin beads. A biodegradable foamed article may be obtained by thermally foaming the crosslinked, expanded aliphatic polyester resin beads in a mold.