

ABSTRACT

PROCESS FOR PRODUCING BRANCHED
OR CROSSLINKED POLYACETAL RESIN

A branched or crosslinked polyacetal resin is excellent in blow moldability, has impact resistances such
5 as plane impact resistance, and the smoothness of the inner surfaces of moldings produced therefrom, and is suitable for molding, particularly blow molding. It can be produced by the bulk polymerization of (A) trioxane with (B) a cyclic ether and/or cyclic formal and (C) a polyfunctional glycidyl
10 ether compound in the presence of (D) a cationic polymerization catalyst, a mixture prepared by mixing the cyclic ether and/or cyclic formal (B) with the polyfunctional glycidyl ether compound (C) and the cationic polymerization catalyst (D) is added to trioxane (A) to
15 conduct the polymerization.