

ABSTRACT OF THE DISCLOSURE

MODIFIED OXYMETHYLENE POLYMERS

Modified oxymethylene polymers comprising a linear polymer of oxymethylene repeat units, blocked at one end by at least one terminal group selected from the group consisting of an alkylene oxide as an adduct to alcohol and an alkylene oxide as an adduct to carboxylic acid, the linear polymer excluding the terminal group having a number average molecular weight of 10,000-500,000 and the modified oxymethylene polymer having a molecular weight distribution (M_w/M_n) of not more than 2.5, obtained by anionic polymerization of formaldehyde and the alkylene oxide as an adduct to alcohol and/or carboxylic acid. The present modified oxymethylene polymers can give moldings with improved repeated impact resistance at the welded parts and controlled smell generation, and improved sliding characteristics, wherein the sliding characteristics are further improved upon combination with an olefinic polymer.