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ABSTRACT

Disclosed is an oxytetramethylene glycol copolymer,  
which is obtained by copolymerizing tetrahydrofuran and  
neopentyl glycol and which has a specific number aver-  
5 age molecular weight  $M_n$ , a specific molecular weight  
distribution  $M_n/M_w$ , a specific neopentyl glycol copoly-  
merization whole ratio  $N_w$  and a specific neopentyl gly-  
col copolymerization partial ratio  $N_h$ , and a method for  
10 producing the same. Also disclosed is a method for pu-  
rifying an oxytetramethylene glycol copolymer, which  
comprises adding a fresh tetrahydrofuran to a reaction  
mixture comprising an oxytetramethylene glycol copoly-  
mer and an unreacted diol, wherein the amount of added  
15 tetrahydrofuran is not less than the weight of the un-  
reacted diol contained in the reaction mixture, and  
distilling off the unreacted diol together with the  
added tetrahydrofuran.



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