

ABSTRACT

Disclosed is a high heat resistance and low viscosity polyoxytetramethylene glycol (PTMG) having the following characteristics (1) to (4): (1) a number average molecular weight of from 500 to 3000; (2) a molecular weight distribution of 1.8 or less in terms of the Mw/Mn ratio; (3) a content of high molecular weight PTMG molecules of from 2 to 5 % by weight, wherein the high molecular weight PTMG molecules are PTMG molecules having molecular weights which are at least six times as large as the number average molecular weight of all PTMG molecules; and (4) a heteropolyacid content of from 10 to 900 ppb by weight.