

HIGH MOLECULAR WEIGHT POLY(2,6-DIMETHYL-1,4-PHENYLENE ETHER) AND PROCESS THEREFOR

Abstract

A poly(2,6-dimethyl-1,4-phenylene ether) having a high molecular weight and a reduced content of low molecular weight species can be prepared by a method that includes specific conditions for the oxidative polymerization, chelation, and isolation steps. The poly(2,6-dimethyl-1,4-phenylene ether) is particularly useful for the fabrication of fluid separation membranes.

(No suitable figure)