

PROCESS FOR PRODUCING POLYPHENYLENE ETHER HELPING TO IMPROVE SAFETY AND YIELD

5 ABSTRACT

A process for producing polyphenylene ether involves to keep a combustible solvent at a gaseous concentration below the minimums of explosion, to keep oxygen gas supplied at a gaseous concentration below the limiting oxygen concentration
10 (LOC) of the solvent, and to make use of a reactor having a rotary-sealed mixer sealed with magnetic rotary feedthroughs to prevent static electricity generated, and then to improve safety and yield thereof.

Fig. 2 for publication