

ABSTRACT

Method of Producing Polyphenylene Ether

The present disclosure is to provide a method of producing PPE that allows efficient production of PPE, by significantly reducing an increase in
5 fine powder, a trouble, such as scale adhesion, in a precipitation tank, and generation of a transitional product generated at the time of changing brands. The proposed method of producing PPE includes: the polymerization step of oxidatively polymerizing a phenolic compound in a polymerization solution containing a good solvent for PPE and a catalyst to obtain a PPE mixture
10 liquid; and the precipitation step of adding, into a precipitation tank equipped with a stirrer, the PPE mixture liquid, a poor solvent for PPE, and water to be mixed and precipitating PPE to thereby obtain a slurry liquid containing PPE particulate substance. In the precipitation step, the poor solvent for PPE and the water are added into the precipitation tank through different pipes. In the
15 precipitation step, the amount of the water added is from 0.05 to 30 % by mass with respect to 100 % by mass of the poor solvent for PPE.