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ABSTRACT

An aromatic polycarbonate depolymerization method comprising reacting an aromatic polycarbonate with water, an
5 aliphatic alcohol having 1 to 6 carbon atoms or a phenol which may be substituted by a hydrocarbon group having 1 to 10 carbon atoms in the critical fluid of carbon dioxide or with the critical fluid of an aliphatic alcohol having 1 to 6 carbon atoms or a phenol which may be substituted by a hydrocarbon
10 group having 1 to 10 carbon atoms.

With this depolymerization method, the aromatic polycarbonate is depolymerized at a high reaction rate and effective components formed by depolymerization can be recovered at a high rate. Therefore, the effective components
15 are recovered from the scrapped or used aromatic polycarbonate by this method and recycled.



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