

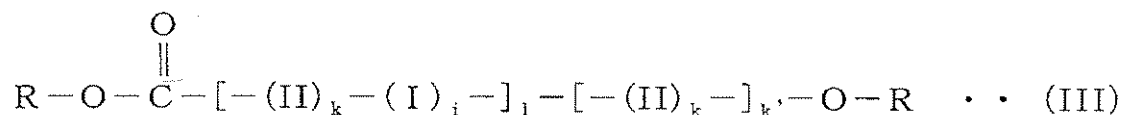
HIGH-FLUIDITY POLYCARBONATE COPOLYMER,
PROCESS FOR PRODUCTION HIGHLY POLYMERIZED AROMATIC POLYCARBONATE
RESIN AND AROMATIC POLYCARBONATE COMPOUND

ABSTRACT

5 The present inventions provide
a novel polycarbonate copolymer having high fluidity and
high molecular weight which is formed of a structural unit derived
from an aliphatic diol compound and a structural unit derived
from an aromatic dihydroxy compound, having a structure

10 represented by the formula (III):

[Chemical Formula 1]



having the content of the structural unit derived from the
aliphatic diol compound of 1-30 mol%, having the Q-value (280°C,
15 160kg load) in the range from 0.02 to 1.0 ml/s, and having the
weight average molecular weight (Mw) of 30,000 to 100,000,

an aromatic polycarbonate compound which is formed of a
structural unit derived from an aromatic dihydroxy compound which
is suitable for a prepolymer for producing a high fluidity
20 polycarbonate copolymer and

an improved method for producing a highly polymerized
aromatic polycarbonate resin which comprises reacting an
aromatic polycarbonate with an aliphatic diol compound and
removing cyclic carbonate produced as a by-product from the
25 reaction system.

(Fig. 1)