

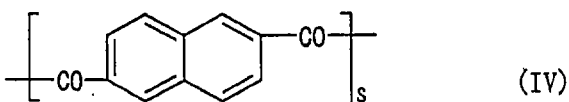
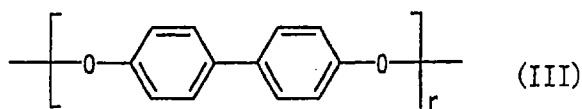
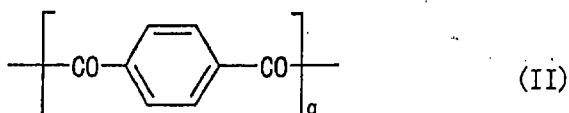
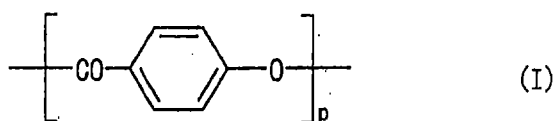


ABSTRACT

LIQUID-CRYSTALLINE POLYESTER RESIN
AND METHOD FOR PRODUCING IT

The present invention provides a liquid-crystalline polyester obtainable by a method comprising the steps of;

- 5 preparing a prepolymer consisting of the repeating units represented by formulae (I), (II), (III) and (IV):



wherein, p, q, r and s represent relative molar proportions (mol %) of the repeating units in the liquid-crystalline polyester resin and satisfy the following formulae:

10 $60 \leq p \leq 80, 10 \leq r \leq 20, 10 \leq q+s \leq 20, 0.05 \leq s/(q+s) \leq 0.3$

$p+q+r+s=100$; and

heating the prepolymer in substantially solid state at 250-350°C,

provided that the liquid crystalline polyester has a
15 deflection temperature under load of 280-340°C, and a melt viscosity of 10-60 Pa.s..

Fig. 1

