ABSTRACT

TITLE OF INVENTION: COMPOSITION FOR FORMING ORGANIC FILM, METHOD FOR FORMING ORGANIC FILM, AND PATTERNING PROCESS

The present invention is a composition for forming an organic film, comprising: a resin for forming an organic film; a polymer having a unit represented by the following general formula (I), and at least one of a unit represented by the following general formula (II) and a unit represented by the following general formula (III); and a solvent, wherein the unit represented by the following general formula (I), and at least one of the unit represented by the following general formula (II) and the unit represented by the following general formula (III) form a random copolymer, and the polymer has a fluorine content of 5 mass% to 16 mass%. provides: a composition for forming an organic film that has excellent film-formability on a substrate and filling characteristics, and that inhibits humps in EBR process; and a method for forming an organic film, and patterning process using this composition.

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 R_5

[Fig.2]