

COPOLYMER FOR ANTIFOULING COATING COMPOSITION, ANTIFOULING
COATING COMPOSITION, ANTIFOULING COATING FILM

ABSTRACT

5 The purpose of the present invention is to provide a copolymer allowing for an
antifouling coating composition used for the formation of an
environment-friendly antifouling coating film, which can maintain stable coating
film solubility and antifouling performance for a long time in seawater and is
unlikely to be subject to coating film defects such as a crack during long-term
10 usage in seawater.

 The present invention provides a copolymer for an antifouling coating
composition obtainable by copolymerizing (a) 10 to 25% by mass of a
triorganosilyl group-containing monomer represented by a general formula (I),
(b) 2 to 10 % by mass of one or more metal-containing polymerizable monomers
15 represented by represented by a general formula (II) or (III), and (c) 65 to 88 % by
mass of an ethylenically unsaturated monomer other than the monomers (a) and
(b).

[No Figure]