

PROCESS FOR PRODUCING A BLOCK COPOLYMER FILM ON A SUBSTRATE

ABSTRACT

5 The invention relates to a process for producing a film of self-assembled block
copolymers on a substrate, said process consisting in carrying out a
simultaneous deposition of block copolymer and of random copolymer by
means of a solution containing a blend of block copolymer and of random
10 copolymer of different chemical nature and which are immiscible, then in
carrying out an annealing treatment allowing the promotion of the phase
segregation inherent in the self-assembly of block copolymers.

[Figure 1.]