

ABSTRACT**Copolymerization Process and Optical Copolymer
Produced Therefrom**

5 A process for preparing a copolymer suitable for use in an optical
element which comprises the step of radically-polymerizing a
composition which comprises at least one first monomer of represented
by the formula (I), at least one second monomer represented by any one
10 of the formulas (II), (III) and (IV), and 0.005 to 1.0 weight percent
of said polymerizable composition of an organic chain transfer agent
having a chain transfer coefficient at 50-60°C of greater than 0.5
with acrylic monomer or styrenic monomer; in the presence of a radical
polymerization initiator, is disclosed. Also disclosed is a copolymer
15 suitable for use as an optical element obtained by the foregoing
process and an optical element comprising this copolymer. The process
of the disclosure provides essentially striation-free polymers which
can be used to fabricate optical elements including thick lenses for
glasses.

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