

Abstract

The invention relates to crosslinked polymers, which are polymerisation products of a polymerisable mixture that comprises the following components:

a) a macromer of formula C



wherein Macro is an m-valent radical of a macromer from which the number m of groups $\text{R}_x\text{-H}$ has been removed,

each R_x , independently of the others, is a bond, $-\text{O}-$, $-\text{NR}_\text{N}-$ or $-\text{S}-$ wherein R_N is hydrogen or lower alkyl,

PI^* is a bivalent radical of a photoinitiator,

R_{aa} is the moiety of a photoinitiator that forms the less reactive free radical on cleavage of the photoinitiator, and

m is an integer from 1 to 100,

b) a copolymerisable vinyl monomer and

c) a copolymerisable crosslinker.

The polymers are suitable especially for the production of mouldings, such as for contact lenses.