

WHAT IS CLAIMED IS

1. An intraocular lens comprising a polymeric lens material that is formed from polymerizable composition comprising:
 - (a) a single aromatic acrylate monomer which is an aromatic-ring containing acrylate;
 - (b) an alkoxyalkyl methacrylate monomer having an alkoxyalkyl group with 4 or less carbon atoms;
 - (c) an alkyl acrylate monomer having an alkyl group with 1 to 20 carbon atoms;
 - (d) a hydrophilic monomer; and
 - (e) a crosslinkable monomer.
2. The intraocular lens according to claim 1, wherein:
the single aromatic acrylate monomer, the alkoxyalkyl methacrylate monomer, and the alkyl acrylate monomer constitute a base material of the polymerizable composition, and
the polymerizable composition comprises, per 100 parts of the base material:
 - from 55 parts to 65 parts by mass of the single aromatic acrylate monomer;
 - from 10 parts to 25 parts of the alkoxyalkyl methacrylate monomer;
 - from 15 parts to 30 parts of the alkyl acrylate monomer;
 - from 15 parts to 30 parts of the hydrophilic monomer; and
 - from 2 parts to 4 parts of the crosslinkable monomer.
3. The intraocular lens according to claim 2, wherein:
the single aromatic acrylate monomer is phenoxyethyl acrylate,
the alkoxyalkyl methacrylate monomer is ethoxyethyl methacrylate,
the alkyl acrylate monomer is ethyl acrylate.
4. The intraocular lens according to claim 3, wherein the hydrophilic monomer is 2-hydroxyethyl methacrylate.
5. The intraocular lens according to claim 1, wherein the polymerizable composition comprises:
 - 35 mol% to 39 mol% of the single aromatic acrylate monomer which is an aromatic-ring containing acrylate;
 - 7 mol% to 20 mol% of the alkoxyalkyl methacrylate monomer having an alkoxyalkyl group with 4 or less carbon atoms;

20 mol% to 37 mol% of the alkyl acrylate monomer having an alkyl group with 1 to 20 carbon atoms;

15 mol% to 24 mol% of the hydrophilic monomer; and

1.1 mol% to 2.1 mol% of the crosslinkable monomer

6. The intraocular lens according to claim 5, wherein:

the single aromatic acrylate monomer is phenoxyethyl acrylate,

the alkoxyalkyl methacrylate monomer is ethoxyethyl methacrylate,

the alkyl acrylate monomer is ethyl acrylate.

7. The intraocular lens according to claim 6, wherein the hydrophilic monomer is 2-hydroxyethyl methacrylate.

8. The intraocular lens according to claim 1, wherein a molar ratio H:C (molar amount H of the hydrophilic monomer ; molar amount C of the crosslinkable monomer) in the polymerizable composition is from 12:1 to 15:1.

9. The intraocular lens according to claim 1, wherein a molar amount of the crosslinkable monomer in the polymerizable composition is less than 2.1 mol%.

10. The intraocular lens according to claim 1, wherein an $H \times C$ value of the lens material is more than 3.6×10^{-3} and less than 4.2×10^{-3} , the $H \times C$ value being the product of a molar amount H of the hydrophilic monomer and a molar amount C of the crosslinkable monomer in the polymerizable composition.

11. The intraocular lens according to claim 1, wherein a molar ratio MA/A of all methacrylate monomers to all acrylate monomers in the polymerizable composition is in the range of 0.35 to 0.65.

12. The intraocular lens according to claim 1, wherein the polymeric lens material has an elution characteristic of 1.30 mass% or less at 90 days.

13. The intraocular lens according to claim 1, wherein the lens material has a breaking stress of from 5.5 MPa to 11.0 MPa.

14. The intraocular lens according to claim 1, wherein the lens material has a refractive index of 1.50 or more in a state of hydration.

15. The intraocular lens according to claim 1, the lens being formed by molding.