

ABSTRACT

A method of producing a compensated contact lens that is compensated for power deviation from target due to differential shrinkage, and also a compensated contact lens. The invention includes the steps of designing a lens to have first and second areas of different thickness and a cylinder axis having a predetermined angular position; determining a plurality of power correction factors, one for each of a plurality of cylinder axis ranges of the lens; and modifying the lens using a selected one of the plurality of power correction factors corresponding to the cylinder axis ranges of the lens containing the cylinder axis of the lens.

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