

PROCESS OF MANUFACTURING CONTACT
LENSES IN AMBIENT ENVIRONMENT

ABSTRACT

A method of casting polymer contact lenses between two mold halves in an ambient (air) environment containing molecular oxygen (O_2) in which the mold halves forming the cast geometry are exposed to the environment where the air exposure time, the time between which the injection mold used to form the mold halves is opened until the mold halves are assembled is less than 70 seconds, more preferably 40 seconds or less, and most preferably 24 seconds or less.

Figure 5



162162



G00002