

ABSTRACT

SILICONE HYDROGELS COMPRISING DESIRABLE WATER CONTENT AND OXYGEN PERMEABILITY

The present invention relates to a process comprising the steps of reacting a reactive mixture comprising at least one silicone-containing component, at least one hydrophilic component, and at least one diluent to form an ophthalmic device having an advancing contact angle of less than about 80; and contacting the ophthalmic device with an aqueous extraction solution at an elevated extraction temperature, wherein said at least one diluent has a boiling point at least about 10 higher than said extraction temperature.

Figure 1