

A MATERIAL SUITABLE FOR USE AS A VITREOUS SUBSTITUTE AND RELATED METHODS

ABSTRACT

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There is provided a material comprising a multi-block thermogelling polymer, said multi-block thermogelling polymer comprising a hydrophilic polymer block; a thermosensitive polymer block; and a hydrophobic polymer block, wherein the hydrophilic polymer block, the thermosensitive polymer block and the hydrophobic polymer block are chemically coupled together by at least one of urethane/carbamate, carbonate, ester linkages or combinations thereof, and wherein the material is suitable for use as a vitreous substitute. Also provided are a method of preparing said material and a synthetic vitreous humour or part thereof comprising said material.

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