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(54) Title: POLYURETHANE UREA AND ITS PREPARATION METHOD

(57) Abstract: The present invention relates to a low modulus, high elongation and good heat- resistance polyurethane urea and its preparation method. The polyurethane urea in the present invention is prepared by a) reacting modified PolyTHF and diisocyanate to obtain a prepolymer, b) adding chain extender and optionally chain terminator into said prepolymer to obtain a polyurethane urea solution, and c) spinning or casting the solution obtained in step b) to obtain the polyurethane urea.

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