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(54) Title: VINYL-CONTAINING STEREOSPECIFIC POLYPROPYLENE MACROMERS ✓ (57) Abstract Stereospecific polypropylene macromers having a high percentage of vinyl terminal bonds and a method for preparing them are provided. The stereospecific polypropylene macromers have number average molecular weights (M_n) of about 2,000 Daltons to about 50,000 Daltons, and the total number of vinyl groups per 1000 carbon atoms is greater than or equal to $7000 \div M_n$. The method for preparing the macromers involves: a) contacting, in solution, at a temperature from about 90 °C to about 120 °C, two or more propylene monomers with a catalyst composition comprising a chiral, stereorigid transition metal catalyst compound; and b) recovering stereospecific polypropylene chains having number average molecular weights of about 2,000 Daltons to about 50,000 Daltons and significant vinyl unsaturation.		