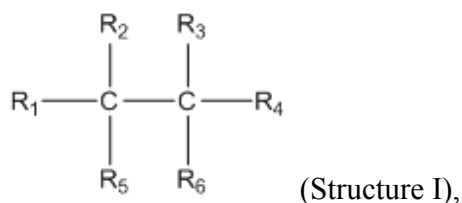


PROCESS TO VISBREAK PROPYLENE-BASED POLYMERS WITH C-C INITIATORS

ABSTRACT

The invention provides a process to prepare a second propylene-based polymer from a first propylene-based polymer, each propylene-based polymer having a melt flow rate (MFR; 2.16kg/230°C) with the MFR of the second propylene-based polymer greater than the MFR of the first propylene-based polymer, the process comprising the step of contacting under visbreaking conditions the first propylene-based polymer with at least one carbon-carbon (C-C) free-radical initiator of Structure I:



wherein R_1 , R_2 , R_3 , R_4 , R_5 and R_6 are each, independently, a hydrocarbyl group or a substituted hydrocarbyl group, and wherein, optionally, two or more R groups (R_1 , R_2 , R_3 , R_4 , R_5 and R_6) form a ring structure.

[Fig. 1]