

Additive and Method for Terminating Polymerization and/or Reducing Viscosity of Polymer Solution

ABSTRACT

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The present invention provides an additive and a method for terminating polymerization and/or reducing viscosity of polymer solution. The additive comprises A carboxylic acid, B alcohol, C salt which is selected from the group consisting of an alkali metal salt, an alkaline earth
10 metal salt, an ammonium salt and a mixture thereof; and E optionally, water. The method of present invention includes adding the additive according to present invention into a polymer solution and mixing the resulting mixture homogeneously. The additive of present invention can terminate living polymer chain ends efficiently and can destroy catalytic
15 active centers. Moreover, the additive of present invention can reduce the viscosity of a polymer solution substantially.

[No Figure]