

Title (en)
POLYETHYLENE AND PROCESS FOR PRODUCTION THEREOF

Title (de)
POLYETHYLEN UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
POLYÉTHYLÈNE ET SON PROCÉDÉ DE FABRICATION

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EP 11855376 A 20111014

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Abstract (en)
[origin: WO2012096698A2] This invention relates to a process for polymerizing olefins in which the amount of trimethylaluminum in a methylalumoxane solution is adjusted to be from 1 to 25 mol%, prior to use as an activator, where the mol% trimethylaluminum is determined by ¹H NMR of the solution prior to combination with any support. This invention also relates to a process for polymerizing olefins in which the amount of an unknown species present in a methylalumoxane solution is adjusted to be from 0.10 to 0.65 integration units prior to use as an activator, where the amount of the unknown species is determined by the ¹H NMR spectra of the solution performed prior to combination with any support. Preferably, the methylalumoxane solution is present in a catalyst system also comprising a metallocene transition metal compound.

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