

DEFENSIVE PUBLICATION

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PROCESS FOR THE CHLORINATION OF POLYOLEFINS

**Warren L. Young, 9542 E. Damuth Place, Baton Rouge,
La. 70815; John T. Holloway, 4121 Florida St.,
Zachary, La. 70791; and James S. Kennedy, 463 W.
Chalfont St., Baton Rouge, La. 70815**

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No Drawing. 12 Pages Specification

A process for the chlorination of essentially linear polyolefins in suspension in an inert liquid wherein such chlorination takes place at least in part at a temperature above the agglomeration temperature of the polyolefin being chlorinated and in the presence of an inert filler material, e.g., a platy talc, to control the particle size of the chlorinated product, wherein the improvement consists of adding the inert filler material during that portion of the chlorination reaction which is conducted at or above the agglomeration temperature of the polyolefin. Utilization of this process permits the obtainment of chlorinated polyolefin of small particle size, e.g., less than 600 microns, while utilizing as little as 4 parts of inert filler per 100 parts of polyolefin.