Accepted Manuscript

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PII: S0141-3910(17)30370-1

DOI: 10.1016/j.polymdegradstab.2017.12.003

Reference: PDST 8413

To appear in: *Polymer Degradation and Stability*

Received Date: 4 August 2017

Revised Date: 20 November 2017

Accepted Date: 3 December 2017

Please cite this article as: Hári Jó, Sárközi Má, Földes Enikő, Pukánszky Bé, Long term stabilization of pe by the controlled release of a natural antioxidant from halloysite nanotubes, *Polymer Degradation and Stability* (2018), doi: 10.1016/j.polymdegradstab.2017.12.003.

LONG TERM STABILIZATION OF PE BY THE CONTROLLED RELEASE OF A NATURAL ANTIOXIDANT FROM HALLOYSITE NANOTUBES

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